

App Name : Liquid Flow Computer.ccc

App Version : 2v0r0

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
1000	System Restart		SHORT10		RO	0 : Off 1 : On
1001	Totals Fault		SHORT10		RO	0 : Off 1 : On
1002	Calculation Fault		SHORT10		RO	0 : OK 1 : ERR: BASE TO ALT 2 : ERR: ALT TO BASE
1003	Pulse Out 1 Set-up Fault		SHORT10		RO	0 : Clear 1 : Set
1004	Pulse Out 1 Fault		SHORT10		RO	0 : Clear 1 : Set
1005	Pulse Out 2 Set-up Fault		SHORT10		RO	0 : Clear 1 : Set
1006	Pulse Out 2 Fault		SHORT10		RO	0 : Clear 1 : Set
1007	Proving Pulse Bus		SHORT10		RW	0 : Disabled 1 : Enabled
1010	Meter Temperature High		SHORT10		RO	0 : Clear 1 : Set
1011	Meter Temperature Low		SHORT10		RO	0 : Clear 1 : Set
1012	Meter Temperature Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Circuit Failure
1013	Meter Pressure High		SHORT10		RO	0 : Clear 1 : Set
1014	Meter Pressure Low		SHORT10		RO	0 : Clear 1 : Set
1015	Meter Pressure Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
1016	Fast Loop Temperature High		SHORT10		RO	0 : Clear 1 : Set
1017	Fast Loop Temperature Low		SHORT10		RO	0 : Clear 1 : Set

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
1018	Fast Loop Temperature Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Circuit Failure
1019	Fast Loop Pressure High		SHORT10		RO	0 : Clear 1 : Set
1020	Fast Loop Pressure Low		SHORT10		RO	0 : Clear 1 : Set
1021	Fast Loop Pressure Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
1022	S&W High		SHORT10		RO	0 : Clear 1 : Set
1024	S&W Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
1025	Measured Density High		SHORT10		RO	0 : Clear 1 : Set
1026	Measured Density Low		SHORT10		RO	0 : Clear 1 : Set
1027	Densitometer Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
1030	Densitometer Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
1032	Meter Temperature User 1 Low		SHORT10	LowLow	RO	0 : Clear 1 : Set
1033	Meter Temperature User 1 High		SHORT10	HighHigh	RO	0 : Clear 1 : Set
1034	Meter Pressure User 1 Low		SHORT10	LowLow	RO	0 : Clear 1 : Set
1035	Meter Pressure User 1 High		SHORT10	HighHigh	RO	0 : Clear 1 : Set
3001	Volume Unit		SHORT10		RO	0 : Litres 1 : m3 2 : US Gallons 3 : bbls

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3002	Mass Unit		SHORT10		RO	0 : kg 1 : tonnes (1000 kg) 2 : tons (2000 lbs) 3 : lbs 5 : 1000 lbs
3003	Flow Rate Time Unit		SHORT10		RO	0 : Seconds 1 : Minutes 2 : Hours 3 : Days
3004	Temperature Unit		SHORT10		RO	0 : °C 1 : °F
3005	Displayed Line Pressure Unit		SHORT10		RO	0 : psia 1 : bara 2 : kPaa 50 : psig 51 : barg 52 : kPag
3006	Density Unit		SHORT10		RO	0 : kg/m3 1 : SG 2 : °API 3 : lbs/US Gallon 4 : lbs/bbl 5 : g/cc
3007	K Factor Volume Unit		SHORT10		RO	0 : pulses/litre 1 : pulses/m3 2 : pulses/bbl 3 : pulses/US Gallon
3008	K Factor Mass Unit		SHORT10		RO	0 : pulses/kg 1 : pulses/tonne 2 : pulses/ton 3 : pulses/lb 4 : pulses/1000 lbs
3009	K Factor Type		SHORT10		RO	0 : Volume 1 : Mass
3010	Fast Loop Volume K Factor Unit		SHORT10		RW	0 : pulses/litre 1 : pulses/m3 2 : pulses/bbl 3 : pulses/US Gallon
3011	Fast Loop Mass K Factor Unit		SHORT10		RW	0 : pulses/kg 1 : pulses/tonne 2 : pulses/ton 3 : pulses/lb 4 : pulses/1000 lbs

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3012	Fast Loop K Factor Type		SHORT10		RW	0 : Volume 1 : Mass
3060	Meter Temperature Operating Status		SHORT10		RO	0 : Measured 1 : Override 2 : Default due to Failure 3 : Average due to Failure
3061	Meter Pressure Operating Status		SHORT10		RO	0 : Measured 1 : Override 2 : Default due to Failure 3 : Average due to Failure
3062	Fast Loop Temperature Operating Status		SHORT10		RO	0 : Measured 1 : Override 2 : Default due to Failure 3 : Average due to Failure
3063	Fast Loop Pressure Operating Status		SHORT10		RO	0 : Measured 1 : Override 2 : Default due to Failure 3 : Average due to Failure
3064	S&W Operating Status		SHORT10		RO	0 : Measured 1 : Override 2 : Default due to Failure 3 : Average due to Failure
3065	Temp_Type		SHORT10		RO	0 : Analog Input - 4-20mA 1 : Analog Input - 1-5V 2 : RTD
3070	Meter Temperature Mode Setting		SHORT10		RW	0 : Always Measured 1 : Always Override 2 : Use Default on Failure
3071	Meter Pressure Mode Setting		SHORT10		RW	0 : Always Measured 1 : Always Override 2 : Use Default on Failure
3072	Fast Loop Temperature Mode Setting		SHORT10		RW	0 : Always Measured 1 : Always Override 2 : Use Default on Failure
3073	Fast Loop Pressure Mode Setting		SHORT10		RW	0 : Always Measured 1 : Always Override 2 : Use Default on Failure
3074	S&W Mode Setting		SHORT10		RW	0 : Always Measured 1 : Always Override 2 : Use Default on Failure
3080	# DP's - Temperature		SHORT10		RO	
3081	# DP's - Pressure		SHORT10		RO	
3082	# DP's - S&W		SHORT10		RO	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3083	# DP's - Density		SHORT10		RO	
3084	# DP's - Volume Flow Rate		SHORT10		RO	
3085	# DP's - Mass Flow Rate		SHORT10		RO	
3100	Ch 11.1 - 2012 Error Code		SHORT10		RO	-110 : CTL Error (-110) -109 : Density Unit Error -108 : Density Result Error -107 : Iteration Count Error -106 : Revise Density Error -105 : CPL Error -104 : CTL Error (-104) -103 : Rho Shift Error -102 : Rounding Error -101 : Density Conversion Error -4 : Alpha Input Range Error -3 : Pressure Input Range Error -2 : Temperature Input Range Error -1 : Density Input Range Error 0 : OK
3101	TP27 - 2007 Error Code		SHORT10		RO	0 : OK 1 : ERR: BASE TO ALT 2 : ERR: ALT TO BASE
3102	Table 5/6 - 1980 Error Code		SHORT10		RO	0 : OK 1 : ERR: BASE TO ALT 2 : ERR: ALT TO BASE
3103	Table 23/24 - 1980 Error Code		SHORT10		RO	0 : OK 1 : ERR: BASE TO ALT 2 : ERR: ALT TO BASE
3104	Table 53/54 - 1980 Error Code		SHORT10		RO	0 : OK 1 : ERR: BASE TO ALT 2 : ERR: ALT TO BASE
3105	Table 5/6 & 23/24 - 1960 Error Code		SHORT10		RO	0 : OK 1 : ERR: BASE TO ALT 2 : ERR: ALT TO BASE
3106	TP15 Pe Error	T23E	SHORT10		RO	0 : Off 1 : On
3107	TP15 Pe Error	T24E	SHORT10		RO	0 : Off 1 : On
3108	TP15 Pe Error	T53E	SHORT10		RO	0 : Off 1 : On
3109	TP15 Pe Error	T54E	SHORT10		RO	0 : Off 1 : On

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3120	Meter Temperature Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Circuit Failure
3121	Meter Pressure Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
3122	Fast Loop Temperature Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Circuit Failure
3123	Fast Loop Pressure Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
3124	S&W Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
3125	Densitometer Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
3136	Calculation Standards		SHORT10		RW	0 : US Customary 1 : Metric
3137	Temperature Unit		SHORT10		RW	0 : °C 1 : °F
3138	Pressure Unit		SHORT10		RW	0 : psi 1 : bar 2 : kPa
3139	Displayed Line Pressure Unit		SHORT10		RO	0 : psia 1 : bara 2 : kPaa 50 : psig 51 : barg 52 : kPag
3140	Density Unit		SHORT10		RW	0 : kg/m3 1 : SG 2 : °API 3 : lbs/US Gallon 4 : lbs/bbl 5 : g/cc

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3141	Main Line K Factor Type		SHORT10		RW	0 : Volume 1 : Mass
3142	Main Line Volume K Factor Unit		SHORT10		RW	0 : pulses/litre 1 : pulses/m3 2 : pulses/bbl 3 : pulses/US Gallon
3143	Main Line Mass K Factor Unit		SHORT10		RW	0 : pulses/kg 1 : pulses/tonne 2 : pulses/ton 3 : pulses/lb 4 : pulses/1000 lbs
3144	Volume Unit		SHORT10		RW	0 : Litres 1 : m3 2 : US Gallons 3 : bbls
3145	Mass Unit		SHORT10		RW	0 : kg 1 : tonnes (1000 kg) 2 : tons (2000 lbs) 3 : lbs 5 : 1000 lbs
3146	Flow Rate Time Unit		SHORT10		RW	0 : Seconds 1 : Minutes 2 : Hours 3 : Days
3147	Line Pressure Reference		SHORT10		RW	0 : Absolute 1 : Gauge
3155	Promass Status		SHORT10		RO	
3156	Promass Comms Fail		SHORT10		RO	0 : OK 1 : FAIL
3165	Meter Factor Method		SHORT10	Use when Promass comms disabled	RW	0 : Use Baseline/Proved Meter Factors 2 : Use Meter Factor Curve
3166	Meter Factor Method		SHORT10	Use when Promass comms enabled	RW	0 : Use Baseline/Proved Meter Factors 1 : Use Reynolds Corrected Meter Factor 2 : Use Meter Factor Curve
3167	Meter Factor Mode Status		SHORT10		RO	0 : Use Proved Meter Factor 1 : Use Baseline Meter Factor 2 : Calculated 3 : Override 4 : Override Due to Comms Fail
3168	Use Override K Factor		SHORT10		RW	0 : No 1 : Yes

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3177	Product In Use		SHORT10		RO	1 : Product 1 2 : Product 2 3 : Product 3 4 : Product 4 5 : Product 5 6 : Product 6 7 : Product 7 8 : Product 8 9 : Product 9 10 : Product 10 11 : Product 11 12 : Product 12
3178	Calculation Type		SHORT10		RO	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3179	Rounding		SHORT10		RO	0 : None 1 : API Standard 2 : Calculation Standard
3180	Vapor Pressure Calculation Mode		SHORT10		RO	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3181	Pe Unit		SHORT10		RO	0 : psia 1 : bara 2 : kPaa 50 : psig 51 : barg 52 : kPag
3182	Meter Factor Mode In Use		SHORT10		RO	0 : Use Proved Meter Factor 1 : Use Baseline Meter Factor
3190	Trigger Snapshot Report		SHORT10		RW	[idle] 1 : Print Report
3191	modbus_trigger		SHORT10		RW	
3199	Vapor Pressure Calculation Mode	Product 1	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3200	Vapor Pressure Calculation Mode	Product 2	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3201	Vapor Pressure Calculation Mode	Product 3	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3202	Vapor Pressure Calculation Mode	Product 4	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3203	Vapor Pressure Calculation Mode	Product 5	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3204	Vapor Pressure Calculation Mode	Product 6	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3205	Vapor Pressure Calculation Mode	Product 7	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3206	Vapor Pressure Calculation Mode	Product 8	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3207	Vapor Pressure Calculation Mode	Product 9	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3208	Vapor Pressure Calculation Mode	Product 10	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3209	Vapor Pressure Calculation Mode	Product 11	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3210	Vapor Pressure Calculation Mode	Product 12	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
3211	Rounding Control	Product 1	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3212	Rounding Control	Product 2	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3213	Rounding Control	Product 3	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3214	Rounding Control	Product 4	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3215	Rounding Control	Product 5	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3216	Rounding Control	Product 6	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3217	Rounding Control	Product 7	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3218	Rounding Control	Product 8	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3219	Rounding Control	Product 9	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3220	Rounding Control	Product 10	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3221	Rounding Control	Product 11	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3222	Rounding Control	Product 12	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
3223	Calculation Type	Product 1	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3224	Calculation Type	Product 2	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3225	Calculation Type	Product 3	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3226	Calculation Type	Product 4	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3227	Calculation Type	Product 5	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3228	Calculation Type	Product 6	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3229	Calculation Type	Product 7	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3230	Calculation Type	Product 8	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3231	Calculation Type	Product 9	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3232	Calculation Type	Product 10	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3233	Calculation Type	Product 11	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3234	Calculation Type	Product 12	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
3235	Operating Mode		SHORT10		RO	0 : US Customary 1 : Metric
3236	Calculation Type	Product 1	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3237	Calculation Type	Product 2	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3238	Calculation Type	Product 3	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3239	Calculation Type	Product 4	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3240	Calculation Type	Product 5	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3241	Calculation Type	Product 6	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3242	Calculation Type	Product 7	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3243	Calculation Type	Product 8	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3244	Calculation Type	Product 9	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3245	Calculation Type	Product 10	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3246	Calculation Type	Product 11	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3247	Calculation Type	Product 12	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
3260	Pe Unit Type	Product 1	SHORT10		RW	0 : Absolute 1 : Gauge
3261	Pe Unit Type	Product 2	SHORT10		RW	0 : Absolute 1 : Gauge
3262	Pe Unit Type	Product 3	SHORT10		RW	0 : Absolute 1 : Gauge
3263	Pe Unit Type	Product 4	SHORT10		RW	0 : Absolute 1 : Gauge
3264	Pe Unit Type	Product 5	SHORT10		RW	0 : Absolute 1 : Gauge
3265	Pe Unit Type	Product 6	SHORT10		RW	0 : Absolute 1 : Gauge
3266	Pe Unit Type	Product 7	SHORT10		RW	0 : Absolute 1 : Gauge

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
3267	Pe Unit Type	Product 8	SHORT10		RW	0 : Absolute 1 : Gauge
3268	Pe Unit Type	Product 9	SHORT10		RW	0 : Absolute 1 : Gauge
3269	Pe Unit Type	Product 10	SHORT10		RW	0 : Absolute 1 : Gauge
3270	Pe Unit Type	Product 11	SHORT10		RW	0 : Absolute 1 : Gauge
3271	Pe Unit Type	Product 12	SHORT10		RW	0 : Absolute 1 : Gauge
3272	Product		SHORT10		RW	0 : Product 1 1 : Product 2 2 : Product 3 3 : Product 4 4 : Product 5 5 : Product 6 6 : Product 7 7 : Product 8 8 : Product 9 9 : Product 10 10 : Product 11 11 : Product 12
4001	Product 1 Name		STRING		RW	
4017	Product 2 Name		STRING		RW	
4033	Product 3 Name		STRING		RW	
4049	Product 4 Name		STRING		RW	
4065	Product 5 Name		STRING		RW	
4081	Product 6 Name		STRING		RW	
4097	Product 7 Name		STRING		RW	
4113	Product 8 Name		STRING		RW	
4129	Product 9 Name		STRING		RW	
4145	Product 10 Name		STRING		RW	
4161	Product 11 Name		STRING		RW	
4177	Product 12 Name		STRING		RW	
4193	Selected Product Name		STRING		RO	
4209	Meter Serial Number		STRING		RW	
4225	Meter Size		STRING		RW	
4241	Meter Model		STRING		RW	
4257	Meter ID		STRING		RW	
4273	Meter Manufacturer		STRING		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
4289	Site Location		STRING		RW	
4305	Site Reference		STRING		RW	
4321	Site Owner/Operator		STRING		RW	
4337	BLM FMP		STRING		RW	
4353	Report Footer Line 1		STRING		RW	
4369	Report Footer Line 2		STRING		RW	
4385	Report Footer Line 3		STRING		RW	
5001	Cumulative Total	IV	INT3210		RO	
5003	Cumulative Total	GOV	INT3210		RO	
5005	Cumulative Total	GSV	INT3210		RO	
5011	Cumulative Total	MASS	INT3210		RO	
5013	Current Hourly Total	IV	INT3210		RO	
5015	Current Hourly Total	GOV	INT3210		RO	
5017	Current Hourly Total	GSV	INT3210		RO	
5023	Current Hourly Total	MASS	INT3210		RO	
5025	Previous Hourly Total	IV	INT3210		RO	
5027	Previous Hourly Total	GOV	INT3210		RO	
5029	Previous Hourly Total	GSV	INT3210		RO	
5035	Previous Hourly Total	MASS	INT3210		RO	
5037	Current Daily Total	IV	INT3210		RO	
5039	Current Daily Total	GOV	INT3210		RO	
5041	Current Daily Total	GSV	INT3210		RO	
5047	Current Daily Total	MASS	INT3210		RO	
5049	Previous Daily Total	IV	INT3210		RO	
5051	Previous Daily Total	GOV	INT3210		RO	
5053	Previous Daily Total	GSV	INT3210		RO	
5059	Previous Daily Total	MASS	INT3210		RO	
7001	Indicated Volume Flow Rate		FLOAT1032		RO	
7003	Gross Observed Volume Flow Rate		FLOAT1032		RO	
7005	Gross Standard Volume Flow Rate		FLOAT1032		RO	
7009	Meter Density In Use		FLOAT1032		RO	
7011	Mass Flow Rate		FLOAT1032		RO	
7013	Meter Temperature In Use		FLOAT1032		RO	
7015	Meter Pressure In Use		FLOAT1032		RO	
7017	S&W In Use		FLOAT1032		RO	
7019	K Factor In Use		FLOAT1032		RO	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
7021	Meter Factor In Use		FLOAT1032		RO	
7051	Cumulative Total	IV	FLOAT1032		RO	
7053	Cumulative Total	GOV	FLOAT1032		RO	
7055	Cumulative Total	GSV	FLOAT1032		RO	
7061	Cumulative Total	MASS	FLOAT1032		RO	
7063	Current Hourly Total	IV	FLOAT1032		RO	
7065	Current Hourly Total	GOV	FLOAT1032		RO	
7067	Current Hourly Total	GSV	FLOAT1032		RO	
7073	Current Hourly Total	MASS	FLOAT1032		RO	
7075	Previous Hourly Total	IV	FLOAT1032		RO	
7077	Previous Hourly Total	GOV	FLOAT1032		RO	
7079	Previous Hourly Total	GSV	FLOAT1032		RO	
7085	Previous Hourly Total	MASS	FLOAT1032		RO	
7087	Current Daily Total	IV	FLOAT1032		RO	
7089	Current Daily Total	GOV	FLOAT1032		RO	
7091	Current Daily Total	GSV	FLOAT1032		RO	
7097	Current Daily Total	MASS	FLOAT1032		RO	
7099	Previous Daily Total	IV	FLOAT1032		RO	
7101	Previous Daily Total	GOV	FLOAT1032		RO	
7103	Previous Daily Total	GSV	FLOAT1032		RO	
7109	Previous Daily Total	MASS	FLOAT1032		RO	
7113	Fast Loop Gross Observed Volume Flow Rate		FLOAT1032		RO	
7121	Fast Loop Mass Flow Rate		FLOAT1032		RO	
7123	Fast Loop Temperature In Use		FLOAT1032		RO	
7125	Fast Loop Pressure In Use		FLOAT1032		RO	
7129	Fast Loop K Factor		FLOAT1032		RW	
7131	Fast Loop Meter Factor		FLOAT1032		RW	
8003	Meter Temperature Override Value		FLOAT1032		RW	
8005	Meter Pressure Override Value		FLOAT1032		RW	
8007	Fast Loop Temperature Override Value		FLOAT1032		RW	
8009	Fast Loop Pressure Override Value		FLOAT1032		RW	
8011	S&W Override Value		FLOAT1032		RW	
8013	Densitometer Override Value		FLOAT1032		RW	
8019	Meter Pressure Bias Value		FLOAT1032		RW	
8021	Meter Temperature Bias Value		FLOAT1032		RW	
8023	Meter Temperature 4mA Scale Value		FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8025	Meter Temperature 20mA Scale Value		FLOAT1032		RW	
8027	Meter Pressure 4mA Scale Value		FLOAT1032		RW	
8029	Meter Pressure 20mA Scale Value		FLOAT1032		RW	
8031	Fast Loop Temperature 4mA Scale Value		FLOAT1032		RW	
8033	Fast Loop Temperature 20mA Scale Value		FLOAT1032		RW	
8035	Fast Loop Pressure 4mA Scale Value		FLOAT1032		RW	
8037	Fast Loop Pressure 20mA Scale Value		FLOAT1032		RW	
8039	S&W 4mA Scale Value		FLOAT1032		RW	
8041	S&W 20mA Scale Value		FLOAT1032		RW	
8043	Densitometer 4mA Scale Value		FLOAT1032		RW	
8045	Densitometer 20mA Scale Value		FLOAT1032		RW	
8055	Meter Pressure User 1 Low Alarm Limit		FLOAT1032		RW	
8057	Meter Pressure User 1 High Alarm Limit		FLOAT1032		RW	
8059	Meter Temperature User 1 Low Alarm Limit		FLOAT1032		RW	
8061	Meter Temperature User 1 High Alarm Limit		FLOAT1032		RW	
8063	Meter Temperature Low Alarm Limit		FLOAT1032		RW	
8065	Meter Temperature High Alarm Limit		FLOAT1032		RW	
8067	Meter Pressure Low Alarm Limit		FLOAT1032		RW	
8069	Meter Pressure High Alarm Limit		FLOAT1032		RW	
8071	Fast Loop Temperature Low Alarm Limit		FLOAT1032		RW	
8073	Fast Loop Temperature High Alarm Limit		FLOAT1032		RW	
8075	Fast Loop Pressure Low Alarm Limit		FLOAT1032		RW	
8077	Fast Loop Pressure High Alarm Limit		FLOAT1032		RW	
8081	S&W High Alarm Limit		FLOAT1032		RW	
8083	Measured Density Low Alarm Limit		FLOAT1032		RW	
8085	Measured Density High Alarm Limit		FLOAT1032		RW	
8101	Meter Temperature - Raw Transmitter Value		FLOAT1032		RO	
8103	Meter Temperature - Raw Transmitter Value		FLOAT1032		RO	
8105	Meter Temperature Transmitter Value with Bias		FLOAT1032		RO	
8107	Meter Temperature Transmitter Value no Bias		FLOAT1032		RO	
8109	Meter Pressure - Raw Transmitter Value		FLOAT1032		RO	
8111	Meter Pressure Transmitter Value with Bias		FLOAT1032		RO	
8113	Meter Pressure Transmitter Value no Bias		FLOAT1032		RO	
8123	Meter Temperature Automatically Recover to Measured		FLOAT1032		RW	0 : No 1 : Yes

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8125	Meter Pressure Automatically Recover to Measured		FLOAT1032		RW	0 : No 1 : Yes
8127	Fast Loop Temperature Automatically Recover to Measured		FLOAT1032		RW	0 : No 1 : Yes
8129	Fast Loop Pressure Automatically Recover to Measured		FLOAT1032		RW	0 : No 1 : Yes
8131	S&W Automatically Recover to Measured		FLOAT1032		RW	0 : No 1 : Yes
8133	Densitometer Automatically Recover to Measured		FLOAT1032		RW	0 : No 1 : Yes
8157	Reynolds Number from Coriolis		FLOAT1032		RO	
8159	Reynolds Number In Use		FLOAT1032		RO	
8161	Reynolds Number	Index 1	FLOAT1032		RW	
8163	Reynolds Number	Index 2	FLOAT1032		RW	
8165	Reynolds Number	Index 3	FLOAT1032		RW	
8167	Reynolds Number	Index 4	FLOAT1032		RW	
8169	Reynolds Number	Index 5	FLOAT1032		RW	
8171	Reynolds Number	Index 6	FLOAT1032		RW	
8173	Reynolds Number	Index 7	FLOAT1032		RW	
8175	Reynolds Number	Index 8	FLOAT1032		RW	
8177	Reynolds Number	Index 9	FLOAT1032		RW	
8179	Reynolds Number	Index 10	FLOAT1032		RW	
8181	Reynolds Number	Index 11	FLOAT1032		RW	
8183	Reynolds Number	Index 12	FLOAT1032		RW	
8185	Reynolds Number	Index 13	FLOAT1032		RW	
8187	Reynolds Number	Index 14	FLOAT1032		RW	
8189	Error	Index 1	FLOAT1032		RW	
8191	Error	Index 2	FLOAT1032		RW	
8193	Error	Index 3	FLOAT1032		RW	
8195	Error	Index 4	FLOAT1032		RW	
8197	Error	Index 5	FLOAT1032		RW	
8199	Error	Index 6	FLOAT1032		RW	
8201	Error	Index 7	FLOAT1032		RW	
8203	Error	Index 8	FLOAT1032		RW	
8205	Error	Index 9	FLOAT1032		RW	
8207	Error	Index 10	FLOAT1032		RW	
8209	Error	Index 11	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8211	Error	Index 12	FLOAT1032		RW	
8213	Error	Index 13	FLOAT1032		RW	
8215	Error	Index 14	FLOAT1032		RW	
8217	Calculated MF		FLOAT1032		RO	
8219	Meter Factor In Use		FLOAT1032		RO	
8239	K Factor Override Value		FLOAT1032		RW	
8241	Override MF		FLOAT1032		RW	
8245	Vapor Pressure (Pe)		FLOAT1032		RO	
8247	Alpha		FLOAT1032		RO	
8249	Base Density (60°F)		FLOAT1032		RO	
8251	Reference Temperature		FLOAT1032		RO	
8253	Meter Factor In Use		FLOAT1032		RO	
8255	CTL		FLOAT1032		RO	
8257	CPL		FLOAT1032		RO	
8265	Current Period Pm	BATCH	FLOAT1032		RO	
8267	Current Period Pm	ON DEMAND	FLOAT1032		RO	
8269	Current Period Pm	HOUR	FLOAT1032		RO	
8271	Current Period Pm	DAY	FLOAT1032		RO	
8273	Current Period Pm	MONTHLY	FLOAT1032		RO	
8275	Previous Period Pm	BATCH	FLOAT1032		RO	
8277	Previous Period Pm	ON DEMAND	FLOAT1032		RO	
8279	Previous Period Pm	HOUR	FLOAT1032		RO	
8281	Previous Period Pm	DAY	FLOAT1032		RO	
8283	Previous Period Pm	MONTHLY	FLOAT1032		RO	
8285	Current Period Tm	BATCH	FLOAT1032		RO	
8287	Current Period Tm	ON DEMAND	FLOAT1032		RO	
8289	Current Period Tm	HOUR	FLOAT1032		RO	
8291	Current Period Tm	DAY	FLOAT1032		RO	
8293	Current Period Tm	MONTHLY	FLOAT1032		RO	
8295	Previous Period Tm	BATCH	FLOAT1032		RO	
8297	Previous Period Tm	ON DEMAND	FLOAT1032		RO	
8299	Previous Period Tm	HOUR	FLOAT1032		RO	
8301	Previous Period Tm	DAY	FLOAT1032		RO	
8303	Previous Period Tm	MONTHLY	FLOAT1032		RO	
8305	Current Period Dm	BATCH	FLOAT1032		RO	
8307	Current Period Dm	ON DEMAND	FLOAT1032		RO	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8309	Current Period Dm	HOUR	FLOAT1032		RO	
8311	Current Period Dm	DAY	FLOAT1032		RO	
8313	Current Period Dm	MONTHLY	FLOAT1032		RO	
8315	Previous Period Dm	BATCH	FLOAT1032		RO	
8317	Previous Period Dm	ON DEMAND	FLOAT1032		RO	
8319	Previous Period Dm	HOUR	FLOAT1032		RO	
8321	Previous Period Dm	DAY	FLOAT1032		RO	
8323	Previous Period Dm	MONTHLY	FLOAT1032		RO	
8327	Batch_Live_Totals	MASS	FLOAT1032		RO	
8329	Batch_Prev_Totals	MASS	FLOAT1032		RO	
8331	Batch_Live_Totals	GOV	FLOAT1032		RO	
8333	Batch_Prev_Totals	GOV	FLOAT1032		RO	
8335	Batch_Live_Totals	GSV	FLOAT1032		RO	
8337	Batch_Prev_Totals	GSV	FLOAT1032		RO	
8349	Reference Density	Product 1	FLOAT1032		RW	
8351	Reference Density	Product 2	FLOAT1032		RW	
8353	Reference Density	Product 3	FLOAT1032		RW	
8355	Reference Density	Product 4	FLOAT1032		RW	
8357	Reference Density	Product 5	FLOAT1032		RW	
8359	Reference Density	Product 6	FLOAT1032		RW	
8361	Reference Density	Product 7	FLOAT1032		RW	
8363	Reference Density	Product 8	FLOAT1032		RW	
8365	Reference Density	Product 9	FLOAT1032		RW	
8367	Reference Density	Product 10	FLOAT1032		RW	
8369	Reference Density	Product 11	FLOAT1032		RW	
8371	Reference Density	Product 12	FLOAT1032		RW	
8373	Vapor Pressure (Pe)	Product 1	FLOAT1032		RW	
8375	Vapor Pressure (Pe)	Product 2	FLOAT1032		RW	
8377	Vapor Pressure (Pe)	Product 3	FLOAT1032		RW	
8379	Vapor Pressure (Pe)	Product 4	FLOAT1032		RW	
8381	Vapor Pressure (Pe)	Product 5	FLOAT1032		RW	
8383	Vapor Pressure (Pe)	Product 6	FLOAT1032		RW	
8385	Vapor Pressure (Pe)	Product 7	FLOAT1032		RW	
8387	Vapor Pressure (Pe)	Product 8	FLOAT1032		RW	
8389	Vapor Pressure (Pe)	Product 9	FLOAT1032		RW	
8391	Vapor Pressure (Pe)	Product 10	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8393	Vapor Pressure (Pe)	Product 11	FLOAT1032		RW	
8395	Vapor Pressure (Pe)	Product 12	FLOAT1032		RW	
8397	Reference Temperature	Product 1	FLOAT1032		RW	0 : 15°C 1 : 20°C
8399	Reference Temperature	Product 2	FLOAT1032		RW	0 : 15°C 1 : 20°C
8401	Reference Temperature	Product 3	FLOAT1032		RW	0 : 15°C 1 : 20°C
8403	Reference Temperature	Product 4	FLOAT1032		RW	0 : 15°C 1 : 20°C
8405	Reference Temperature	Product 5	FLOAT1032		RW	0 : 15°C 1 : 20°C
8407	Reference Temperature	Product 6	FLOAT1032		RW	0 : 15°C 1 : 20°C
8409	Reference Temperature	Product 7	FLOAT1032		RW	0 : 15°C 1 : 20°C
8411	Reference Temperature	Product 8	FLOAT1032		RW	0 : 15°C 1 : 20°C
8413	Reference Temperature	Product 9	FLOAT1032		RW	0 : 15°C 1 : 20°C
8415	Reference Temperature	Product 10	FLOAT1032		RW	0 : 15°C 1 : 20°C
8417	Reference Temperature	Product 11	FLOAT1032		RW	0 : 15°C 1 : 20°C
8419	Reference Temperature	Product 12	FLOAT1032		RW	0 : 15°C 1 : 20°C
8421	Calculation Type	Product 1	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8423	Calculation Type	Product 2	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8425	Calculation Type	Product 3	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8427	Calculation Type	Product 4	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8429	Calculation Type	Product 5	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8431	Calculation Type	Product 6	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8433	Calculation Type	Product 7	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8435	Calculation Type	Product 8	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8437	Calculation Type	Product 9	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8439	Calculation Type	Product 10	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8441	Calculation Type	Product 11	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8443	Calculation Type	Product 12	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
8445	Calculation Type	Product 1	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8447	Calculation Type	Product 2	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8449	Calculation Type	Product 3	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8451	Calculation Type	Product 4	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8453	Calculation Type	Product 5	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8455	Calculation Type	Product 6	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8457	Calculation Type	Product 7	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8459	Calculation Type	Product 8	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8461	Calculation Type	Product 9	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8463	Calculation Type	Product 10	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8465	Calculation Type	Product 11	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8467	Calculation Type	Product 12	FLOAT1032		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
8501	Product 1 Volume Flow Rate	Index 1	FLOAT1032		RW	
8503	Product 1 Volume Flow Rate	Index 2	FLOAT1032		RW	
8505	Product 1 Volume Flow Rate	Index 3	FLOAT1032		RW	
8507	Product 1 Volume Flow Rate	Index 4	FLOAT1032		RW	
8509	Product 1 Volume Flow Rate	Index 5	FLOAT1032		RW	
8511	Product 1 Volume Flow Rate	Index 6	FLOAT1032		RW	
8513	Product 1 Volume Flow Rate	Index 7	FLOAT1032		RW	
8515	Product 1 Volume Flow Rate	Index 8	FLOAT1032		RW	
8517	Product 1 Volume Flow Rate	Index 9	FLOAT1032		RW	
8519	Product 1 Volume Flow Rate	Index 10	FLOAT1032		RW	
8521	Product 1 Mass Flow Rate	Index 1	FLOAT1032		RW	
8523	Product 1 Mass Flow Rate	Index 2	FLOAT1032		RW	
8525	Product 1 Mass Flow Rate	Index 3	FLOAT1032		RW	
8527	Product 1 Mass Flow Rate	Index 4	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8529	Product 1 Mass Flow Rate	Index 5	FLOAT1032		RW	
8531	Product 1 Mass Flow Rate	Index 6	FLOAT1032		RW	
8533	Product 1 Mass Flow Rate	Index 7	FLOAT1032		RW	
8535	Product 1 Mass Flow Rate	Index 8	FLOAT1032		RW	
8537	Product 1 Mass Flow Rate	Index 9	FLOAT1032		RW	
8539	Product 1 Mass Flow Rate	Index 10	FLOAT1032		RW	
8541	Product 1 Meter Factor Value	Index 1	FLOAT1032		RW	
8543	Product 1 Meter Factor Value	Index 2	FLOAT1032		RW	
8545	Product 1 Meter Factor Value	Index 3	FLOAT1032		RW	
8547	Product 1 Meter Factor Value	Index 4	FLOAT1032		RW	
8549	Product 1 Meter Factor Value	Index 5	FLOAT1032		RW	
8551	Product 1 Meter Factor Value	Index 6	FLOAT1032		RW	
8553	Product 1 Meter Factor Value	Index 7	FLOAT1032		RW	
8555	Product 1 Meter Factor Value	Index 8	FLOAT1032		RW	
8557	Product 1 Meter Factor Value	Index 9	FLOAT1032		RW	
8559	Product 1 Meter Factor Value	Index 10	FLOAT1032		RW	
8561	Product 2 Volume Flow Rate	Index 1	FLOAT1032		RW	
8563	Product 2 Volume Flow Rate	Index 2	FLOAT1032		RW	
8565	Product 2 Volume Flow Rate	Index 3	FLOAT1032		RW	
8567	Product 2 Volume Flow Rate	Index 4	FLOAT1032		RW	
8569	Product 2 Volume Flow Rate	Index 5	FLOAT1032		RW	
8571	Product 2 Volume Flow Rate	Index 6	FLOAT1032		RW	
8573	Product 2 Volume Flow Rate	Index 7	FLOAT1032		RW	
8575	Product 2 Volume Flow Rate	Index 8	FLOAT1032		RW	
8577	Product 2 Volume Flow Rate	Index 9	FLOAT1032		RW	
8579	Product 2 Volume Flow Rate	Index 10	FLOAT1032		RW	
8581	Product 2 Mass Flow Rate	Index 1	FLOAT1032		RW	
8583	Product 2 Mass Flow Rate	Index 2	FLOAT1032		RW	
8585	Product 2 Mass Flow Rate	Index 3	FLOAT1032		RW	
8587	Product 2 Mass Flow Rate	Index 4	FLOAT1032		RW	
8589	Product 2 Mass Flow Rate	Index 5	FLOAT1032		RW	
8591	Product 2 Mass Flow Rate	Index 6	FLOAT1032		RW	
8593	Product 2 Mass Flow Rate	Index 7	FLOAT1032		RW	
8595	Product 2 Mass Flow Rate	Index 8	FLOAT1032		RW	
8597	Product 2 Mass Flow Rate	Index 9	FLOAT1032		RW	
8599	Product 2 Mass Flow Rate	Index 10	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8601	Product 2 Meter Factor Value	Index 1	FLOAT1032		RW	
8603	Product 2 Meter Factor Value	Index 2	FLOAT1032		RW	
8605	Product 2 Meter Factor Value	Index 3	FLOAT1032		RW	
8607	Product 2 Meter Factor Value	Index 4	FLOAT1032		RW	
8609	Product 2 Meter Factor Value	Index 5	FLOAT1032		RW	
8611	Product 2 Meter Factor Value	Index 6	FLOAT1032		RW	
8613	Product 2 Meter Factor Value	Index 7	FLOAT1032		RW	
8615	Product 2 Meter Factor Value	Index 8	FLOAT1032		RW	
8617	Product 2 Meter Factor Value	Index 9	FLOAT1032		RW	
8619	Product 2 Meter Factor Value	Index 10	FLOAT1032		RW	
8621	Product 3 Volume Flow Rate	Index 1	FLOAT1032		RW	
8623	Product 3 Volume Flow Rate	Index 2	FLOAT1032		RW	
8625	Product 3 Volume Flow Rate	Index 3	FLOAT1032		RW	
8627	Product 3 Volume Flow Rate	Index 4	FLOAT1032		RW	
8629	Product 3 Volume Flow Rate	Index 5	FLOAT1032		RW	
8631	Product 3 Volume Flow Rate	Index 6	FLOAT1032		RW	
8633	Product 3 Volume Flow Rate	Index 7	FLOAT1032		RW	
8635	Product 3 Volume Flow Rate	Index 8	FLOAT1032		RW	
8637	Product 3 Volume Flow Rate	Index 9	FLOAT1032		RW	
8639	Product 3 Volume Flow Rate	Index 10	FLOAT1032		RW	
8641	Product 3 Mass Flow Rate	Index 1	FLOAT1032		RW	
8643	Product 3 Mass Flow Rate	Index 2	FLOAT1032		RW	
8645	Product 3 Mass Flow Rate	Index 3	FLOAT1032		RW	
8647	Product 3 Mass Flow Rate	Index 4	FLOAT1032		RW	
8649	Product 3 Mass Flow Rate	Index 5	FLOAT1032		RW	
8651	Product 3 Mass Flow Rate	Index 6	FLOAT1032		RW	
8653	Product 3 Mass Flow Rate	Index 7	FLOAT1032		RW	
8655	Product 3 Mass Flow Rate	Index 8	FLOAT1032		RW	
8657	Product 3 Mass Flow Rate	Index 9	FLOAT1032		RW	
8659	Product 3 Mass Flow Rate	Index 10	FLOAT1032		RW	
8661	Product 3 Meter Factor Value	Index 1	FLOAT1032		RW	
8663	Product 3 Meter Factor Value	Index 2	FLOAT1032		RW	
8665	Product 3 Meter Factor Value	Index 3	FLOAT1032		RW	
8667	Product 3 Meter Factor Value	Index 4	FLOAT1032		RW	
8669	Product 3 Meter Factor Value	Index 5	FLOAT1032		RW	
8671	Product 3 Meter Factor Value	Index 6	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8673	Product 3 Meter Factor Value	Index 7	FLOAT1032		RW	
8675	Product 3 Meter Factor Value	Index 8	FLOAT1032		RW	
8677	Product 3 Meter Factor Value	Index 9	FLOAT1032		RW	
8679	Product 3 Meter Factor Value	Index 10	FLOAT1032		RW	
8681	Product 4 Volume Flow Rate	Index 1	FLOAT1032		RW	
8683	Product 4 Volume Flow Rate	Index 2	FLOAT1032		RW	
8685	Product 4 Volume Flow Rate	Index 3	FLOAT1032		RW	
8687	Product 4 Volume Flow Rate	Index 4	FLOAT1032		RW	
8689	Product 4 Volume Flow Rate	Index 5	FLOAT1032		RW	
8691	Product 4 Volume Flow Rate	Index 6	FLOAT1032		RW	
8693	Product 4 Volume Flow Rate	Index 7	FLOAT1032		RW	
8695	Product 4 Volume Flow Rate	Index 8	FLOAT1032		RW	
8697	Product 4 Volume Flow Rate	Index 9	FLOAT1032		RW	
8699	Product 4 Volume Flow Rate	Index 10	FLOAT1032		RW	
8701	Product 4 Mass Flow Rate	Index 1	FLOAT1032		RW	
8703	Product 4 Mass Flow Rate	Index 2	FLOAT1032		RW	
8705	Product 4 Mass Flow Rate	Index 3	FLOAT1032		RW	
8707	Product 4 Mass Flow Rate	Index 4	FLOAT1032		RW	
8709	Product 4 Mass Flow Rate	Index 5	FLOAT1032		RW	
8711	Product 4 Mass Flow Rate	Index 6	FLOAT1032		RW	
8713	Product 4 Mass Flow Rate	Index 7	FLOAT1032		RW	
8715	Product 4 Mass Flow Rate	Index 8	FLOAT1032		RW	
8717	Product 4 Mass Flow Rate	Index 9	FLOAT1032		RW	
8719	Product 4 Mass Flow Rate	Index 10	FLOAT1032		RW	
8721	Product 4 Meter Factor Value	Index 1	FLOAT1032		RW	
8723	Product 4 Meter Factor Value	Index 2	FLOAT1032		RW	
8725	Product 4 Meter Factor Value	Index 3	FLOAT1032		RW	
8727	Product 4 Meter Factor Value	Index 4	FLOAT1032		RW	
8729	Product 4 Meter Factor Value	Index 5	FLOAT1032		RW	
8731	Product 4 Meter Factor Value	Index 6	FLOAT1032		RW	
8733	Product 4 Meter Factor Value	Index 7	FLOAT1032		RW	
8735	Product 4 Meter Factor Value	Index 8	FLOAT1032		RW	
8737	Product 4 Meter Factor Value	Index 9	FLOAT1032		RW	
8739	Product 4 Meter Factor Value	Index 10	FLOAT1032		RW	
8741	Product 5 Volume Flow Rate	Index 1	FLOAT1032		RW	
8743	Product 5 Volume Flow Rate	Index 2	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8745	Product 5 Volume Flow Rate	Index 3	FLOAT1032		RW	
8747	Product 5 Volume Flow Rate	Index 4	FLOAT1032		RW	
8749	Product 5 Volume Flow Rate	Index 5	FLOAT1032		RW	
8751	Product 5 Volume Flow Rate	Index 6	FLOAT1032		RW	
8753	Product 5 Volume Flow Rate	Index 7	FLOAT1032		RW	
8755	Product 5 Volume Flow Rate	Index 8	FLOAT1032		RW	
8757	Product 5 Volume Flow Rate	Index 9	FLOAT1032		RW	
8759	Product 5 Volume Flow Rate	Index 10	FLOAT1032		RW	
8761	Product 5 Mass Flow Rate	Index 1	FLOAT1032		RW	
8763	Product 5 Mass Flow Rate	Index 2	FLOAT1032		RW	
8765	Product 5 Mass Flow Rate	Index 3	FLOAT1032		RW	
8767	Product 5 Mass Flow Rate	Index 4	FLOAT1032		RW	
8769	Product 5 Mass Flow Rate	Index 5	FLOAT1032		RW	
8771	Product 5 Mass Flow Rate	Index 6	FLOAT1032		RW	
8773	Product 5 Mass Flow Rate	Index 7	FLOAT1032		RW	
8775	Product 5 Mass Flow Rate	Index 8	FLOAT1032		RW	
8777	Product 5 Mass Flow Rate	Index 9	FLOAT1032		RW	
8779	Product 5 Mass Flow Rate	Index 10	FLOAT1032		RW	
8781	Product 5 Meter Factor Value	Index 1	FLOAT1032		RW	
8783	Product 5 Meter Factor Value	Index 2	FLOAT1032		RW	
8785	Product 5 Meter Factor Value	Index 3	FLOAT1032		RW	
8787	Product 5 Meter Factor Value	Index 4	FLOAT1032		RW	
8789	Product 5 Meter Factor Value	Index 5	FLOAT1032		RW	
8791	Product 5 Meter Factor Value	Index 6	FLOAT1032		RW	
8793	Product 5 Meter Factor Value	Index 7	FLOAT1032		RW	
8795	Product 5 Meter Factor Value	Index 8	FLOAT1032		RW	
8797	Product 5 Meter Factor Value	Index 9	FLOAT1032		RW	
8799	Product 5 Meter Factor Value	Index 10	FLOAT1032		RW	
8801	Product 6 Volume Flow Rate	Index 1	FLOAT1032		RW	
8803	Product 6 Volume Flow Rate	Index 2	FLOAT1032		RW	
8805	Product 6 Volume Flow Rate	Index 3	FLOAT1032		RW	
8807	Product 6 Volume Flow Rate	Index 4	FLOAT1032		RW	
8809	Product 6 Volume Flow Rate	Index 5	FLOAT1032		RW	
8811	Product 6 Volume Flow Rate	Index 6	FLOAT1032		RW	
8813	Product 6 Volume Flow Rate	Index 7	FLOAT1032		RW	
8815	Product 6 Volume Flow Rate	Index 8	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8817	Product 6 Volume Flow Rate	Index 9	FLOAT1032		RW	
8819	Product 6 Volume Flow Rate	Index 10	FLOAT1032		RW	
8821	Product 6 Mass Flow Rate	Index 1	FLOAT1032		RW	
8823	Product 6 Mass Flow Rate	Index 2	FLOAT1032		RW	
8825	Product 6 Mass Flow Rate	Index 3	FLOAT1032		RW	
8827	Product 6 Mass Flow Rate	Index 4	FLOAT1032		RW	
8829	Product 6 Mass Flow Rate	Index 5	FLOAT1032		RW	
8831	Product 6 Mass Flow Rate	Index 6	FLOAT1032		RW	
8833	Product 6 Mass Flow Rate	Index 7	FLOAT1032		RW	
8835	Product 6 Mass Flow Rate	Index 8	FLOAT1032		RW	
8837	Product 6 Mass Flow Rate	Index 9	FLOAT1032		RW	
8839	Product 6 Mass Flow Rate	Index 10	FLOAT1032		RW	
8841	Product 6 Meter Factor Value	Index 1	FLOAT1032		RW	
8843	Product 6 Meter Factor Value	Index 2	FLOAT1032		RW	
8845	Product 6 Meter Factor Value	Index 3	FLOAT1032		RW	
8847	Product 6 Meter Factor Value	Index 4	FLOAT1032		RW	
8849	Product 6 Meter Factor Value	Index 5	FLOAT1032		RW	
8851	Product 6 Meter Factor Value	Index 6	FLOAT1032		RW	
8853	Product 6 Meter Factor Value	Index 7	FLOAT1032		RW	
8855	Product 6 Meter Factor Value	Index 8	FLOAT1032		RW	
8857	Product 6 Meter Factor Value	Index 9	FLOAT1032		RW	
8859	Product 6 Meter Factor Value	Index 10	FLOAT1032		RW	
8861	Product 7 Volume Flow Rate	Index 1	FLOAT1032		RW	
8863	Product 7 Volume Flow Rate	Index 2	FLOAT1032		RW	
8865	Product 7 Volume Flow Rate	Index 3	FLOAT1032		RW	
8867	Product 7 Volume Flow Rate	Index 4	FLOAT1032		RW	
8869	Product 7 Volume Flow Rate	Index 5	FLOAT1032		RW	
8871	Product 7 Volume Flow Rate	Index 6	FLOAT1032		RW	
8873	Product 7 Volume Flow Rate	Index 7	FLOAT1032		RW	
8875	Product 7 Volume Flow Rate	Index 8	FLOAT1032		RW	
8877	Product 7 Volume Flow Rate	Index 9	FLOAT1032		RW	
8879	Product 7 Volume Flow Rate	Index 10	FLOAT1032		RW	
8881	Product 7 Mass Flow Rate	Index 1	FLOAT1032		RW	
8883	Product 7 Mass Flow Rate	Index 2	FLOAT1032		RW	
8885	Product 7 Mass Flow Rate	Index 3	FLOAT1032		RW	
8887	Product 7 Mass Flow Rate	Index 4	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8889	Product 7 Mass Flow Rate	Index 5	FLOAT1032		RW	
8891	Product 7 Mass Flow Rate	Index 6	FLOAT1032		RW	
8893	Product 7 Mass Flow Rate	Index 7	FLOAT1032		RW	
8895	Product 7 Mass Flow Rate	Index 8	FLOAT1032		RW	
8897	Product 7 Mass Flow Rate	Index 9	FLOAT1032		RW	
8899	Product 7 Mass Flow Rate	Index 10	FLOAT1032		RW	
8901	Product 7 Meter Factor Value	Index 1	FLOAT1032		RW	
8903	Product 7 Meter Factor Value	Index 2	FLOAT1032		RW	
8905	Product 7 Meter Factor Value	Index 3	FLOAT1032		RW	
8907	Product 7 Meter Factor Value	Index 4	FLOAT1032		RW	
8909	Product 7 Meter Factor Value	Index 5	FLOAT1032		RW	
8911	Product 7 Meter Factor Value	Index 6	FLOAT1032		RW	
8913	Product 7 Meter Factor Value	Index 7	FLOAT1032		RW	
8915	Product 7 Meter Factor Value	Index 8	FLOAT1032		RW	
8917	Product 7 Meter Factor Value	Index 9	FLOAT1032		RW	
8919	Product 7 Meter Factor Value	Index 10	FLOAT1032		RW	
8921	Product 8 Volume Flow Rate	Index 1	FLOAT1032		RW	
8923	Product 8 Volume Flow Rate	Index 2	FLOAT1032		RW	
8925	Product 8 Volume Flow Rate	Index 3	FLOAT1032		RW	
8927	Product 8 Volume Flow Rate	Index 4	FLOAT1032		RW	
8929	Product 8 Volume Flow Rate	Index 5	FLOAT1032		RW	
8931	Product 8 Volume Flow Rate	Index 6	FLOAT1032		RW	
8933	Product 8 Volume Flow Rate	Index 7	FLOAT1032		RW	
8935	Product 8 Volume Flow Rate	Index 8	FLOAT1032		RW	
8937	Product 8 Volume Flow Rate	Index 9	FLOAT1032		RW	
8939	Product 8 Volume Flow Rate	Index 10	FLOAT1032		RW	
8941	Product 8 Mass Flow Rate	Index 1	FLOAT1032		RW	
8943	Product 8 Mass Flow Rate	Index 2	FLOAT1032		RW	
8945	Product 8 Mass Flow Rate	Index 3	FLOAT1032		RW	
8947	Product 8 Mass Flow Rate	Index 4	FLOAT1032		RW	
8949	Product 8 Mass Flow Rate	Index 5	FLOAT1032		RW	
8951	Product 8 Mass Flow Rate	Index 6	FLOAT1032		RW	
8953	Product 8 Mass Flow Rate	Index 7	FLOAT1032		RW	
8955	Product 8 Mass Flow Rate	Index 8	FLOAT1032		RW	
8957	Product 8 Mass Flow Rate	Index 9	FLOAT1032		RW	
8959	Product 8 Mass Flow Rate	Index 10	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
8961	Product 8 Meter Factor Value	Index 1	FLOAT1032		RW	
8963	Product 8 Meter Factor Value	Index 2	FLOAT1032		RW	
8965	Product 8 Meter Factor Value	Index 3	FLOAT1032		RW	
8967	Product 8 Meter Factor Value	Index 4	FLOAT1032		RW	
8969	Product 8 Meter Factor Value	Index 5	FLOAT1032		RW	
8971	Product 8 Meter Factor Value	Index 6	FLOAT1032		RW	
8973	Product 8 Meter Factor Value	Index 7	FLOAT1032		RW	
8975	Product 8 Meter Factor Value	Index 8	FLOAT1032		RW	
8977	Product 8 Meter Factor Value	Index 9	FLOAT1032		RW	
8979	Product 8 Meter Factor Value	Index 10	FLOAT1032		RW	
8981	Product 9 Volume Flow Rate	Index 1	FLOAT1032		RW	
8983	Product 9 Volume Flow Rate	Index 2	FLOAT1032		RW	
8985	Product 9 Volume Flow Rate	Index 3	FLOAT1032		RW	
8987	Product 9 Volume Flow Rate	Index 4	FLOAT1032		RW	
8989	Product 9 Volume Flow Rate	Index 5	FLOAT1032		RW	
8991	Product 9 Volume Flow Rate	Index 6	FLOAT1032		RW	
8993	Product 9 Volume Flow Rate	Index 7	FLOAT1032		RW	
8995	Product 9 Volume Flow Rate	Index 8	FLOAT1032		RW	
8997	Product 9 Volume Flow Rate	Index 9	FLOAT1032		RW	
8999	Product 9 Volume Flow Rate	Index 10	FLOAT1032		RW	
9001	Product 9 Mass Flow Rate	Index 1	FLOAT1032		RW	
9003	Product 9 Mass Flow Rate	Index 2	FLOAT1032		RW	
9005	Product 9 Mass Flow Rate	Index 3	FLOAT1032		RW	
9007	Product 9 Mass Flow Rate	Index 4	FLOAT1032		RW	
9009	Product 9 Mass Flow Rate	Index 5	FLOAT1032		RW	
9011	Product 9 Mass Flow Rate	Index 6	FLOAT1032		RW	
9013	Product 9 Mass Flow Rate	Index 7	FLOAT1032		RW	
9015	Product 9 Mass Flow Rate	Index 8	FLOAT1032		RW	
9017	Product 9 Mass Flow Rate	Index 9	FLOAT1032		RW	
9019	Product 9 Mass Flow Rate	Index 10	FLOAT1032		RW	
9021	Product 9 Meter Factor Value	Index 1	FLOAT1032		RW	
9023	Product 9 Meter Factor Value	Index 2	FLOAT1032		RW	
9025	Product 9 Meter Factor Value	Index 3	FLOAT1032		RW	
9027	Product 9 Meter Factor Value	Index 4	FLOAT1032		RW	
9029	Product 9 Meter Factor Value	Index 5	FLOAT1032		RW	
9031	Product 9 Meter Factor Value	Index 6	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
9033	Product 9 Meter Factor Value	Index 7	FLOAT1032		RW	
9035	Product 9 Meter Factor Value	Index 8	FLOAT1032		RW	
9037	Product 9 Meter Factor Value	Index 9	FLOAT1032		RW	
9039	Product 9 Meter Factor Value	Index 10	FLOAT1032		RW	
9041	Product 10 Volume Flow Rate	Index 1	FLOAT1032		RW	
9043	Product 10 Volume Flow Rate	Index 2	FLOAT1032		RW	
9045	Product 10 Volume Flow Rate	Index 3	FLOAT1032		RW	
9047	Product 10 Volume Flow Rate	Index 4	FLOAT1032		RW	
9049	Product 10 Volume Flow Rate	Index 5	FLOAT1032		RW	
9051	Product 10 Volume Flow Rate	Index 6	FLOAT1032		RW	
9053	Product 10 Volume Flow Rate	Index 7	FLOAT1032		RW	
9055	Product 10 Volume Flow Rate	Index 8	FLOAT1032		RW	
9057	Product 10 Volume Flow Rate	Index 9	FLOAT1032		RW	
9059	Product 10 Volume Flow Rate	Index 10	FLOAT1032		RW	
9061	Product 10 Mass Flow Rate	Index 1	FLOAT1032		RW	
9063	Product 10 Mass Flow Rate	Index 2	FLOAT1032		RW	
9065	Product 10 Mass Flow Rate	Index 3	FLOAT1032		RW	
9067	Product 10 Mass Flow Rate	Index 4	FLOAT1032		RW	
9069	Product 10 Mass Flow Rate	Index 5	FLOAT1032		RW	
9071	Product 10 Mass Flow Rate	Index 6	FLOAT1032		RW	
9073	Product 10 Mass Flow Rate	Index 7	FLOAT1032		RW	
9075	Product 10 Mass Flow Rate	Index 8	FLOAT1032		RW	
9077	Product 10 Mass Flow Rate	Index 9	FLOAT1032		RW	
9079	Product 10 Mass Flow Rate	Index 10	FLOAT1032		RW	
9081	Product 10 Meter Factor Value	Index 1	FLOAT1032		RW	
9083	Product 10 Meter Factor Value	Index 2	FLOAT1032		RW	
9085	Product 10 Meter Factor Value	Index 3	FLOAT1032		RW	
9087	Product 10 Meter Factor Value	Index 4	FLOAT1032		RW	
9089	Product 10 Meter Factor Value	Index 5	FLOAT1032		RW	
9091	Product 10 Meter Factor Value	Index 6	FLOAT1032		RW	
9093	Product 10 Meter Factor Value	Index 7	FLOAT1032		RW	
9095	Product 10 Meter Factor Value	Index 8	FLOAT1032		RW	
9097	Product 10 Meter Factor Value	Index 9	FLOAT1032		RW	
9099	Product 10 Meter Factor Value	Index 10	FLOAT1032		RW	
9101	Product 11 Volume Flow Rate	Index 1	FLOAT1032		RW	
9103	Product 11 Volume Flow Rate	Index 2	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
9105	Product 11 Volume Flow Rate	Index 3	FLOAT1032		RW	
9107	Product 11 Volume Flow Rate	Index 4	FLOAT1032		RW	
9109	Product 11 Volume Flow Rate	Index 5	FLOAT1032		RW	
9111	Product 11 Volume Flow Rate	Index 6	FLOAT1032		RW	
9113	Product 11 Volume Flow Rate	Index 7	FLOAT1032		RW	
9115	Product 11 Volume Flow Rate	Index 8	FLOAT1032		RW	
9117	Product 11 Volume Flow Rate	Index 9	FLOAT1032		RW	
9119	Product 11 Volume Flow Rate	Index 10	FLOAT1032		RW	
9121	Product 11 Mass Flow Rate	Index 1	FLOAT1032		RW	
9123	Product 11 Mass Flow Rate	Index 2	FLOAT1032		RW	
9125	Product 11 Mass Flow Rate	Index 3	FLOAT1032		RW	
9127	Product 11 Mass Flow Rate	Index 4	FLOAT1032		RW	
9129	Product 11 Mass Flow Rate	Index 5	FLOAT1032		RW	
9131	Product 11 Mass Flow Rate	Index 6	FLOAT1032		RW	
9133	Product 11 Mass Flow Rate	Index 7	FLOAT1032		RW	
9135	Product 11 Mass Flow Rate	Index 8	FLOAT1032		RW	
9137	Product 11 Mass Flow Rate	Index 9	FLOAT1032		RW	
9139	Product 11 Mass Flow Rate	Index 10	FLOAT1032		RW	
9141	Product 11 Meter Factor Value	Index 1	FLOAT1032		RW	
9143	Product 11 Meter Factor Value	Index 2	FLOAT1032		RW	
9145	Product 11 Meter Factor Value	Index 3	FLOAT1032		RW	
9147	Product 11 Meter Factor Value	Index 4	FLOAT1032		RW	
9149	Product 11 Meter Factor Value	Index 5	FLOAT1032		RW	
9151	Product 11 Meter Factor Value	Index 6	FLOAT1032		RW	
9153	Product 11 Meter Factor Value	Index 7	FLOAT1032		RW	
9155	Product 11 Meter Factor Value	Index 8	FLOAT1032		RW	
9157	Product 11 Meter Factor Value	Index 9	FLOAT1032		RW	
9159	Product 11 Meter Factor Value	Index 10	FLOAT1032		RW	
9161	Product 12 Volume Flow Rate	Index 1	FLOAT1032		RW	
9163	Product 12 Volume Flow Rate	Index 2	FLOAT1032		RW	
9165	Product 12 Volume Flow Rate	Index 3	FLOAT1032		RW	
9167	Product 12 Volume Flow Rate	Index 4	FLOAT1032		RW	
9169	Product 12 Volume Flow Rate	Index 5	FLOAT1032		RW	
9171	Product 12 Volume Flow Rate	Index 6	FLOAT1032		RW	
9173	Product 12 Volume Flow Rate	Index 7	FLOAT1032		RW	
9175	Product 12 Volume Flow Rate	Index 8	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
9177	Product 12 Volume Flow Rate	Index 9	FLOAT1032		RW	
9179	Product 12 Volume Flow Rate	Index 10	FLOAT1032		RW	
9181	Product 12 Mass Flow Rate	Index 1	FLOAT1032		RW	
9183	Product 12 Mass Flow Rate	Index 2	FLOAT1032		RW	
9185	Product 12 Mass Flow Rate	Index 3	FLOAT1032		RW	
9187	Product 12 Mass Flow Rate	Index 4	FLOAT1032		RW	
9189	Product 12 Mass Flow Rate	Index 5	FLOAT1032		RW	
9191	Product 12 Mass Flow Rate	Index 6	FLOAT1032		RW	
9193	Product 12 Mass Flow Rate	Index 7	FLOAT1032		RW	
9195	Product 12 Mass Flow Rate	Index 8	FLOAT1032		RW	
9197	Product 12 Mass Flow Rate	Index 9	FLOAT1032		RW	
9199	Product 12 Mass Flow Rate	Index 10	FLOAT1032		RW	
9201	Product 12 Meter Factor Value	Index 1	FLOAT1032		RW	
9203	Product 12 Meter Factor Value	Index 2	FLOAT1032		RW	
9205	Product 12 Meter Factor Value	Index 3	FLOAT1032		RW	
9207	Product 12 Meter Factor Value	Index 4	FLOAT1032		RW	
9209	Product 12 Meter Factor Value	Index 5	FLOAT1032		RW	
9211	Product 12 Meter Factor Value	Index 6	FLOAT1032		RW	
9213	Product 12 Meter Factor Value	Index 7	FLOAT1032		RW	
9215	Product 12 Meter Factor Value	Index 8	FLOAT1032		RW	
9217	Product 12 Meter Factor Value	Index 9	FLOAT1032		RW	
9219	Product 12 Meter Factor Value	Index 10	FLOAT1032		RW	
10000	Meter Temperature User 1 High		SHORT10		RO	0 : Clear 1 : Set
10001	Meter Temperature High		SHORT10		RO	0 : Clear 1 : Set
10002	Meter Temperature Low		SHORT10		RO	0 : Clear 1 : Set
10003	Meter Temperature User 1 Low		SHORT10		RO	0 : Clear 1 : Set
10004	Meter Temperature Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Circuit Failure
10005	Meter Pressure User 1 High		SHORT10		RO	0 : Clear 1 : Set
10006	Meter Pressure High		SHORT10		RO	0 : Clear 1 : Set

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10007	Meter Pressure Low		SHORT10		RO	0 : Clear 1 : Set
10008	Meter Pressure User 1 Low		SHORT10		RO	0 : Clear 1 : Set
10009	Meter Pressure Transmitter Fail		SHORT10		RO	0 : OK 1 : Under Range 2 : Over Range 3 : Input Fault
10010	Promass Comms Fail		SHORT10		RO	0 : OK 1 : FAIL
10011	Promass Status		SHORT10		RO	
10012	Displayed Line Pressure Unit		SHORT10		RO	0 : psia 1 : bara 2 : kPaa 50 : psig 51 : barg 52 : kPag
10013	Meter Factor Mode Status		SHORT10		RO	0 : Use Proved Meter Factor 1 : Use Baseline Meter Factor 2 : Calculated 3 : Override 4 : Override Due to Comms Fail
10014	Calculation Type		SHORT10		RO	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10015	Pe Unit		SHORT10		RO	0 : psia 1 : bara 2 : kPaa 50 : psig 51 : barg 52 : kPag

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10016	Product In Use		SHORT10		RO	1 : Product 1 2 : Product 2 3 : Product 3 4 : Product 4 5 : Product 5 6 : Product 6 7 : Product 7 8 : Product 8 9 : Product 9 10 : Product 10 11 : Product 11 12 : Product 12
10017	Rounding		SHORT10		RO	0 : None 1 : API Standard 2 : Calculation Standard
10018	Vapor Pressure Calculation Mode		SHORT10		RO	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10019	Temp_Type		SHORT10		RO	0 : Analog Input - 4-20mA 1 : Analog Input - 1-5V 2 : RTD
10020	Operating Mode		SHORT10		RO	0 : US Customary 1 : Metric
10030	Line Pressure Reference		SHORT10		RW	0 : Absolute 1 : Gauge
10031	Temperature Unit		SHORT10		RW	0 : °C 1 : °F
10032	Pressure Unit		SHORT10		RW	0 : psi 1 : bar 2 : kPa
10033	Mass Unit		SHORT10		RW	0 : kg 1 : tonnes (1000 kg) 2 : tons (2000 lbs) 3 : lbs 5 : 1000 lbs
10034	Volume Unit		SHORT10		RW	0 : Litres 1 : m3 2 : US Gallons 3 : bbls
10035	Flow Rate Time Unit		SHORT10		RW	0 : Seconds 1 : Minutes 2 : Hours 3 : Days

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10036	Main Line Mass K Factor Unit		SHORT10		RW	0 : pulses/kg 1 : pulses/tonne 2 : pulses/ton 3 : pulses/lb 4 : pulses/1000 lbs
10037	Main Line Volume K Factor Unit		SHORT10		RW	0 : pulses/litre 1 : pulses/m3 2 : pulses/bbl 3 : pulses/US Gallon
10038	Main Line K Factor Type		SHORT10		RW	0 : Volume 1 : Mass
10039	Density Unit		SHORT10		RW	0 : kg/m3 1 : SG 2 : °API 3 : lbs/US Gallon 4 : lbs/bbl 5 : g/cc
10040	Calculation Standards		SHORT10		RW	0 : US Customary 1 : Metric
10041	Meter Factor Method		SHORT10	Use when Promass comms enabled	RW	0 : Use Baseline/Proved Meter Factors 1 : Use Reynolds Corrected Meter Factor 2 : Use Meter Factor Curve
10042	Trigger Snapshot Report		SHORT10		RW	[idle] 1 : Print Report
10043	modbus_trigger		SHORT10		RW	
10044	Use Override K Factor		SHORT10		RW	0 : No 1 : Yes
10045	Proving Pulse Bus		SHORT10		RW	0 : Disabled 1 : Enabled
10046	Vapor Pressure Calculation Mode	Product 1	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10047	Vapor Pressure Calculation Mode	Product 2	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10048	Vapor Pressure Calculation Mode	Product 3	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10049	Vapor Pressure Calculation Mode	Product 4	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10050	Vapor Pressure Calculation Mode	Product 5	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10051	Vapor Pressure Calculation Mode	Product 6	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10052	Vapor Pressure Calculation Mode	Product 7	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10053	Vapor Pressure Calculation Mode	Product 8	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10054	Vapor Pressure Calculation Mode	Product 9	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10055	Vapor Pressure Calculation Mode	Product 10	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10056	Vapor Pressure Calculation Mode	Product 11	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10057	Vapor Pressure Calculation Mode	Product 12	SHORT10		RW	0 : Use Product Table Vapor Pressure 1 : Calculate Vapor Pressure 2 : Calculate Vapor Pressure (Extended Limits)
10058	Rounding Control	Product 1	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10059	Rounding Control	Product 2	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10060	Rounding Control	Product 3	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10061	Rounding Control	Product 4	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10062	Rounding Control	Product 5	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10063	Rounding Control	Product 6	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10064	Rounding Control	Product 7	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10065	Rounding Control	Product 8	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10066	Rounding Control	Product 9	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10067	Rounding Control	Product 10	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10068	Rounding Control	Product 11	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10069	Rounding Control	Product 12	SHORT10		RW	0 : None 1 : API Standard 2 : Calculation Standard
10070	Meter Factor Method		SHORT10	Use when Promass comms disabled	RW	0 : Use Baseline/Proved Meter Factors 2 : Use Meter Factor Curve
10082	Pe Unit Type	Product 1	SHORT10		RW	0 : Absolute 1 : Gauge
10083	Pe Unit Type	Product 2	SHORT10		RW	0 : Absolute 1 : Gauge
10084	Pe Unit Type	Product 3	SHORT10		RW	0 : Absolute 1 : Gauge
10085	Pe Unit Type	Product 4	SHORT10		RW	0 : Absolute 1 : Gauge
10086	Pe Unit Type	Product 5	SHORT10		RW	0 : Absolute 1 : Gauge
10087	Pe Unit Type	Product 6	SHORT10		RW	0 : Absolute 1 : Gauge
10088	Pe Unit Type	Product 7	SHORT10		RW	0 : Absolute 1 : Gauge
10089	Pe Unit Type	Product 8	SHORT10		RW	0 : Absolute 1 : Gauge
10090	Pe Unit Type	Product 9	SHORT10		RW	0 : Absolute 1 : Gauge
10091	Pe Unit Type	Product 10	SHORT10		RW	0 : Absolute 1 : Gauge
10092	Pe Unit Type	Product 11	SHORT10		RW	0 : Absolute 1 : Gauge

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10093	Pe Unit Type	Product 12	SHORT10		RW	0 : Absolute 1 : Gauge
10094	Calculation Type	Product 1	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10095	Calculation Type	Product 2	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10096	Calculation Type	Product 3	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10097	Calculation Type	Product 4	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10098	Calculation Type	Product 5	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10099	Calculation Type	Product 6	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10100	Calculation Type	Product 7	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10101	Calculation Type	Product 8	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10102	Calculation Type	Product 9	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10103	Calculation Type	Product 10	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10104	Calculation Type	Product 11	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water
10105	Calculation Type	Product 12	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 59 : 2007 GPA TP27 - API Ch11.2.2M 60 : 2007 GPA TP27 Extended - API Ch11.2.2M 61 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2M 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10106	Calculation Type	Product 1	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10107	Calculation Type	Product 2	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10108	Calculation Type	Product 3	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10109	Calculation Type	Product 4	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10110	Calculation Type	Product 5	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10111	Calculation Type	Product 6	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10112	Calculation Type	Product 7	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10113	Calculation Type	Product 8	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10114	Calculation Type	Product 9	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10115	Calculation Type	Product 10	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10116	Calculation Type	Product 11	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water
10117	Calculation Type	Product 12	SHORT10		RW	52 : 2012 API Ch11.1 (Crude Oil) 53 : 2012 API Ch11.1 (Refined Products) 55 : 2012 API Ch11.1 (Lube Oils) 56 : 2007 GPA TP27 - API Ch11.2.2 57 : 2007 GPA TP27 Extended - API Ch11.2.2 58 : 2007 GPA TP27 Extended (TMax Only) - API Ch11.2.2 1000 : Water

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10118	Product		SHORT10		RW	0 : Product 1 1 : Product 2 2 : Product 3 3 : Product 4 4 : Product 5 5 : Product 6 6 : Product 7 7 : Product 8 8 : Product 9 9 : Product 10 10 : Product 11 11 : Product 12
10501	Meter Temperature User 1 High Alarm Limit		FLOAT1032		RW	
10503	Meter Temperature High Alarm Limit		FLOAT1032		RW	
10505	Meter Temperature Low Alarm Limit		FLOAT1032		RW	
10507	Meter Temperature User 1 Low Alarm Limit		FLOAT1032		RW	
10509	Meter Pressure User 1 High Alarm Limit		FLOAT1032		RW	
10511	Meter Pressure High Alarm Limit		FLOAT1032		RW	
10513	Meter Pressure Low Alarm Limit		FLOAT1032		RW	
10515	Meter Pressure User 1 Low Alarm Limit		FLOAT1032		RW	
10517	Meter Temperature 20mA Scale Value		FLOAT1032		RW	
10519	Meter Temperature 4mA Scale Value		FLOAT1032		RW	
10521	Meter Temperature Bias Value		FLOAT1032		RW	
10523	Meter Pressure 20mA Scale Value		FLOAT1032		RW	
10525	Meter Pressure 4mA Scale Value		FLOAT1032		RW	
10527	Meter Pressure Bias Value		FLOAT1032		RW	
10529	K Factor Override Value		FLOAT1032		RW	
10531	Override MF		FLOAT1032		RW	
10533	Error	Index 1	FLOAT1032		RW	
10535	Error	Index 2	FLOAT1032		RW	
10537	Error	Index 3	FLOAT1032		RW	
10539	Error	Index 4	FLOAT1032		RW	
10541	Error	Index 5	FLOAT1032		RW	
10543	Error	Index 6	FLOAT1032		RW	
10545	Error	Index 7	FLOAT1032		RW	
10547	Error	Index 8	FLOAT1032		RW	
10549	Error	Index 9	FLOAT1032		RW	
10551	Error	Index 10	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10553	Error	Index 11	FLOAT1032		RW	
10555	Error	Index 12	FLOAT1032		RW	
10557	Error	Index 13	FLOAT1032		RW	
10559	Error	Index 14	FLOAT1032		RW	
10561	Reynolds Number	Index 1	FLOAT1032		RW	
10563	Reynolds Number	Index 2	FLOAT1032		RW	
10565	Reynolds Number	Index 3	FLOAT1032		RW	
10567	Reynolds Number	Index 4	FLOAT1032		RW	
10569	Reynolds Number	Index 5	FLOAT1032		RW	
10571	Reynolds Number	Index 6	FLOAT1032		RW	
10573	Reynolds Number	Index 7	FLOAT1032		RW	
10575	Reynolds Number	Index 8	FLOAT1032		RW	
10577	Reynolds Number	Index 9	FLOAT1032		RW	
10579	Reynolds Number	Index 10	FLOAT1032		RW	
10581	Reynolds Number	Index 11	FLOAT1032		RW	
10583	Reynolds Number	Index 12	FLOAT1032		RW	
10585	Reynolds Number	Index 13	FLOAT1032		RW	
10587	Reynolds Number	Index 14	FLOAT1032		RW	
10589	Reference Density	Product 1	FLOAT1032		RW	
10591	Reference Density	Product 2	FLOAT1032		RW	
10593	Reference Density	Product 3	FLOAT1032		RW	
10595	Reference Density	Product 4	FLOAT1032		RW	
10597	Reference Density	Product 5	FLOAT1032		RW	
10599	Reference Density	Product 6	FLOAT1032		RW	
10601	Reference Density	Product 7	FLOAT1032		RW	
10603	Reference Density	Product 8	FLOAT1032		RW	
10605	Reference Density	Product 9	FLOAT1032		RW	
10607	Reference Density	Product 10	FLOAT1032		RW	
10609	Reference Density	Product 11	FLOAT1032		RW	
10611	Reference Density	Product 12	FLOAT1032		RW	
10613	Vapor Pressure (Pe)	Product 1	FLOAT1032		RW	
10615	Vapor Pressure (Pe)	Product 2	FLOAT1032		RW	
10617	Vapor Pressure (Pe)	Product 3	FLOAT1032		RW	
10619	Vapor Pressure (Pe)	Product 4	FLOAT1032		RW	
10621	Vapor Pressure (Pe)	Product 5	FLOAT1032		RW	
10623	Vapor Pressure (Pe)	Product 6	FLOAT1032		RW	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
10625	Vapor Pressure (Pe)	Product 7	FLOAT1032		RW	
10627	Vapor Pressure (Pe)	Product 8	FLOAT1032		RW	
10629	Vapor Pressure (Pe)	Product 9	FLOAT1032		RW	
10631	Vapor Pressure (Pe)	Product 10	FLOAT1032		RW	
10633	Vapor Pressure (Pe)	Product 11	FLOAT1032		RW	
10635	Vapor Pressure (Pe)	Product 12	FLOAT1032		RW	
10637	Reference Temperature	Product 1	FLOAT1032		RW	0 : 15°C 1 : 20°C
10639	Reference Temperature	Product 2	FLOAT1032		RW	0 : 15°C 1 : 20°C
10641	Reference Temperature	Product 3	FLOAT1032		RW	0 : 15°C 1 : 20°C
10643	Reference Temperature	Product 4	FLOAT1032		RW	0 : 15°C 1 : 20°C
10645	Reference Temperature	Product 5	FLOAT1032		RW	0 : 15°C 1 : 20°C
10647	Reference Temperature	Product 6	FLOAT1032		RW	0 : 15°C 1 : 20°C
10649	Reference Temperature	Product 7	FLOAT1032		RW	0 : 15°C 1 : 20°C
10651	Reference Temperature	Product 8	FLOAT1032		RW	0 : 15°C 1 : 20°C
10653	Reference Temperature	Product 9	FLOAT1032		RW	0 : 15°C 1 : 20°C
10655	Reference Temperature	Product 10	FLOAT1032		RW	0 : 15°C 1 : 20°C
10657	Reference Temperature	Product 11	FLOAT1032		RW	0 : 15°C 1 : 20°C
10659	Reference Temperature	Product 12	FLOAT1032		RW	0 : 15°C 1 : 20°C
11001	Reynolds Number from Coriolis		FLOAT1032		RO	
11003	Meter Factor In Use		FLOAT1032		RO	
11005	Calculated MF		FLOAT1032		RO	
11007	Reynolds Number In Use		FLOAT1032		RO	
11009	Gross Observed Volume Flow Rate		FLOAT1032		RO	
11011	Gross Standard Volume Flow Rate		FLOAT1032		RO	
11013	Mass Flow Rate		FLOAT1032		RO	
11015	Meter Temperature In Use		FLOAT1032		RO	
11017	Meter Pressure In Use		FLOAT1032		RO	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
11019	Meter Density In Use		FLOAT1032		RO	
11021	K Factor In Use		FLOAT1032		RO	
11023	Vapor Pressure (Pe)		FLOAT1032		RO	
11025	Alpha		FLOAT1032		RO	
11027	Reference Temperature		FLOAT1032		RO	
11029	Base Density (60°F)		FLOAT1032		RO	
11031	CTL		FLOAT1032		RO	
11033	CPL		FLOAT1032		RO	
11035	Current Daily Total	GOV	FLOAT1032		RO	
11037	Current Daily Total	GSV	FLOAT1032		RO	
11039	Current Daily Total	IV	FLOAT1032		RO	
11041	Current Daily Total	MASS	FLOAT1032		RO	
11043	Current Hourly Total	GOV	FLOAT1032		RO	
11045	Current Hourly Total	GSV	FLOAT1032		RO	
11047	Current Hourly Total	IV	FLOAT1032		RO	
11049	Current Hourly Total	MASS	FLOAT1032		RO	
11051	Current Batch Total	GOV	FLOAT1032		RO	
11053	Current Batch Total	GSV	FLOAT1032		RO	
11055	Current Batch Total	MASS	FLOAT1032		RO	
11057	Previous Daily Total	GOV	FLOAT1032		RO	
11059	Previous Daily Total	GSV	FLOAT1032		RO	
11061	Previous Daily Total	IV	FLOAT1032		RO	
11063	Previous Daily Total	MASS	FLOAT1032		RO	
11065	Previous Hourly Total	GOV	FLOAT1032		RO	
11067	Previous Hourly Total	GSV	FLOAT1032		RO	
11069	Previous Hourly Total	IV	FLOAT1032		RO	
11071	Previous Hourly Total	MASS	FLOAT1032		RO	
11073	Previous Batch Total	GOV	FLOAT1032		RO	
11075	Previous Batch Total	GSV	FLOAT1032		RO	
11077	Previous Batch Total	MASS	FLOAT1032		RO	
11079	Cumulative Total	GOV	FLOAT1032		RO	
11081	Cumulative Total	GSV	FLOAT1032		RO	
11083	Cumulative Total	IV	FLOAT1032		RO	
11085	Cumulative Total	MASS	FLOAT1032		RO	
11087	Current Period Pm	BATCH	FLOAT1032		RO	
11089	Previous Period Pm	BATCH	FLOAT1032		RO	

Address	I/O Point	Index	Format	Description	Read/Write	Table Entries
11091	Current Period Tm	BATCH	FLOAT1032		RO	
11093	Previous Period Tm	BATCH	FLOAT1032		RO	
11095	Current Period Dm	BATCH	FLOAT1032		RO	
11097	Previous Period Dm	BATCH	FLOAT1032		RO	
11099	Meter Pressure Transmitter Value no Bias		FLOAT1032		RO	
11101	Meter Pressure Transmitter Value with Bias		FLOAT1032		RO	
11103	Meter Pressure - Raw Transmitter Value		FLOAT1032		RO	
11105	Meter Temperature Transmitter Value no Bias		FLOAT1032		RO	
11107	Meter Temperature Transmitter Value with Bias		FLOAT1032		RO	
11109	Meter Temperature - Raw Transmitter Value		FLOAT1032	current	RO	
11111	Meter Temperature - Raw Transmitter Value		FLOAT1032	Impedance	RO	
11113	SysHeartbeatId		INT1032		RO	