

FLEXFIT MODBUS LIST

name	Description	Register/Coil	Register.Bit	Scaling			
				0	10000		
pALFCO	Assured Low Fire Cutoff	1003	49603.2				
pColdStartWarmupCycle	Cold Start Warmup Option	1031	49606.6				
pDegreesC_Option	Thermistor Deg C Option	1025	49606.0				
pDraftAdjStartOption	Adjustable Start Draft Option	1019	49605.2				
pDraftAutoCmd	DraftAutoCmd	1059	40244.2				
pDraftFFOption	Draft FeedForward Option	1034	40243.1				
pEnableRemoteMode	Enable Remote Mode	1041	49608.0				
pFGRServoCheckMode	FGR Servo Check Mode	1008	49603.7				
pFGRTempLowFireHoldOptio	FGR Temp Low Fire Hold Option	1032	49606.7				
pFlexSeqOption	Flex Sequences Option	1004	49603.3				
pFS_DSIF1	Fuel1 DSI Option	1075	49612.2				
pFS_DSIF2	Fuel2 DSI Option	1077	49612.4				
pFS_XfmrSec	PTFI Ign Xfmr Sec	1073	49612.0				
pFuel1SSOVPOCInstalled	Fuel 1 Proof of Closure Installed	1012	49604.3				
pFuel2SSOVPOCInstalled	Fuel 2 Proof of Closure Installed	1013	49604.4				
pHiFireLimiterOption	Operator High Fire Limiter Option	1026	49606.1				
pLowOxygenLockoutOption	Low O2 Lockout Option	1018	49605.1				
pM78XfmrSec	M78 PFEP- Pilot Proving Seconds	1011	49604.2				
pMAF_Test	MAF/Run Interlocks Safe Start Test	1002	49603.1				
pModBusIsRTU	Modbus Mode	1040	40243.7				
pO2TrimManualCmd	O2 Trim Manual Cmd	1033	40243.0				
pO2TrimOption	O2 Trim Option	1049	49609.0				
pOxygenAnalyzerOption	Oxygen Analyzer Option	1065	49611.0				
pOxygenMalfunctionLockou	Oxygen Malfunction Lockout Option	1015	49604.6				
pPAFSwitchInstalled	PAF Switch Installed	1010	49604.1				
pPowerFailResponse	Power Fail Response	1006	49603.5				
pRateAutoCmd	RateAutoCmd	1058	40244.1				
pRateRemoteCmd	RateRemoteCmd	1057	40244.0				
pRemoteFaultResponse	Remote Fault Response	1029	49606.4				
v24hrRecycle	24hrRecycle	107	40233.2				
vAI4Failure	Remote SP/FR mA Is Bad	288	40241.7				
vAlarm	Alarm	111	40233.6				
vAlarmCondition	AlarmCondition	112	40233.7				
vAlarmSilence	AlarmSilence	113	49516.0				
vAux2IsNearSP	Aux2IsNearSP	74	49510.1				
vAux3IsNearSP	Aux3IsNearSP	67	49509.1				
vAuxIsNearSP	AuxIsNearSP	62	49508.5				
vBadModbusAlarm	BadModbusAlarm	268	40240.3				
vBadRemoteAlarm	BadRemoteAlarm	266	40240.1				
vBMSMessageTimerActive	BMSMessageTimerActive	108	40233.3				
vCC_CFH	CC_CFH	225	40239.0				
vCC1LLModbusCommFailure	CC1LLModbusCommFailure	83	49511.2				
vCCItemGroupUnderPCContr	CCItemGroupUnderPCControl	9	49502.0				
vCCItemPCGroupRequest	CCItemPCGroupRequest	10	49502.1				
vCellAtTemp	CellAtTemp	237	49534.4				
vCellOpenOrCombustibles	O2 Cell Open or Combustibles	219	40238.2				
vCellTCOpen	CellTCOpen	234	49534.1				
vCellTCReversed	CellTCReversed	235	49534.2				
vCellTCShortNoHeat	CellTCShortNoHeat	236	49534.3				
vCellTempHigh	CellTempHigh	233	49534.0				
vCJTBad	Cold Junction Error	217	40238.0				
vColdStartCycleActive	Cold Start Cycle Active	284	40241.3				
vCombustionServosAtPurge	CombustionServosAtPurge	4	40232.3				

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vCommissionMode	Commission Mode	1	40232.0				
vCommissionModeRequest	CommissionModeRequest	17	49503.0				
vCurveDownButton	CurveDownButton	26	49504.1				
vCurveStore	CurveStore	18	49503.1				
vCurveUpButton	CurveUpButton	25	49504.0				
vDemandHoldActive	DemandHoldActive	33	49505.0				
vDHWOverrideActive	DHW Override Active	286	40241.5				
vDHWStart	DHW Start	265	40240.0				
vDraftDamperIsNearSP	DraftDamperIsNearSP	66	49509.0				
vDraftFFError	DraftFFError	293	40242.4				
vDraftManualEnable	DraftManualEnable	290	40242.1				
vDraftServoAlarm	DraftServoAlarm	294	40242.5				
vFDDamperIsNearSP	FDDamperIsNearSP	61	49508.4				
vFDVSDIsNearSP	FDVSDIsNearSP	73	49510.0				
vFGRDamperIsNearSP	FGRDamperIsNearSP	63	49508.6				
vFGRLFHActive	FGR LFH Active	281	40241.0				
vFuel1IsNearSP	Fuel1IsNearSP	57	49508.0				
vFuel1Or2IsNearSP	Fuel1Or2IsNearSP	60	49508.3				
vFuel2IsNearSP	Fuel2IsNearSP	58	49508.1				
vFuelLearnSignalNearCurv	FuelLearnSignalNearCurvePoint	2	40232.1				
vHighFlueTempAlarm	HighFlueTempAlarm	226	40239.1				
vHolding	Holding	110	40233.5				
vHoldO2Trim	HoldO2Trim	261	49537.4				
vImpedanceRelayBad	O2 Test Relay Error	221	40238.4				
vIO_10sPilot	ROFB 10s MTFI Pilot	169	40237.0				
vIO_10sPilotRelay	RO 10s Pilot	123	40234.2				
vIO_15sPilot_MV2	ROFB 15s MTFI Pilot or MV2	168	40236.7				
vIO_15sPilot_MV2_Relay	RO 15s Pilot/MV2	125	40234.4				
vIO_ExtCFH	DI External CFH	156	40235.3				
vIO_ExternalReset	DI Ext Reset	153	40235.0				
vIO_FDStarterRelay	RO FD Fan	126	40234.5				
vIO_FixedSpeedFDFan	DI FD Fan Type	154	40235.1				
vIO_FlameRelay	DI Flame Detected Relay	170	40237.1				
vIO_Fuel1Request	DI Fuel 1 Select	158	40235.5				
vIO_Fuel2Request	DI Fuel 2 Select	162	40236.1				
vIO_HFP	DI Purge Flow / High Fire Switch	161	40236.0				
vIO_LFHOrDHW	DI LFH or DHW	155	40235.2				
vIO_LFS	DI Low Fire Switch	160	40235.7				
vIO_LkTestPS	DI Leak Test PS	159	40235.6				
vIO_LockoutAlarmRelay	RO Lockout	127	40234.6				
vIO_M110_Model	FF-110 Model	177	49526.0				
vIO_M78_Model	FF-78 Model	178	49526.1				
vIO_M85_Model	FF-85 Model	179	49526.2				
vIO_ModulateRelay	RO Release to Modulate	130	49520.1				
vIO_NonRecyclingTrip	DI Running Interlocks	171	40237.2				
vIO_POC_BypassRelay	RO POC Bypass	128	40234.7				
vIO_POC_NotBypassed	DI POC Not Bypassed	165	40236.4				
vIO_PurgeRelay	RO Purge	129	49520.0				
vIO_RecycleTrip	DI Start Limits	157	40235.4				
vIO_SafetyBus	ROFB Safety Bus	166	40236.5				
vIO_SafetyRelay	RO Safety Relay	121	40234.0				
vIO_SSOV_POC	DI SSOV POC	164	40236.3				
vIO_SSOVs_MV1	ROFB Main Safety Shutoff	167	40236.6				
vIO_SSOVs_MV1_Relay	RO MV1 SSOV	124	40234.3				
vIO_Xfmr	ROFB Ign Xfmr	163	40236.2				

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vIO_XfmrRelay	RO Ign Xfmr	122	40234.1				
vLCDRequestParamDefaults	LCDRequestParamDefaults	27	49504.2				
vLearnModeVerifyEnabled	LearnModeVerifyEnabled	3	40232.2				
vLightOffLFHActive	Light Off LFH Active	282	40241.1				
vLockout	Lockout	109	40233.4				
vLowDraftAlarm	LowDraftAlarm	289	40242.0				
vLowOxygenAlarm	LowOxygenAlarm	220	40238.3				
vLTC2444Bad	O2 A/D Error	218	40238.1				
vModbusCFH	ModbusCFH	274	49539.1				
vModbusCommFailure	Modbus Comm Bad	81	49511.0				
vModbusLLWatchdog	ModbusLLWatchdog	329	49543.0				
vModbusUSBCommFailure	Modbus USB Comm Bad	82	49511.1				
vModbusWarmStandbyEnable	ModbusWarmStandbyEnable	275	49539.2				
vNullO2Trim	NullO2Trim	260	49537.3				
vO2AnalyzerNormal	O2 Analyzer Normal	257	49537.0				
vO2CalEXITButton	O2CalEXITButton	249	49536.0				
vO2CallInProgress	O2CallInProgress	223	40238.6				
vO2CalSTART	O2CalSTART	242	49535.1				
vO2CalYESButton	O2CalYESButton	250	49536.1				
vOxygenCalDataBad	OxygenCalDataBad	222	40238.5				
vParamRAMDirty	ParamRAMDirty	340	49545.2				
vPilotTestHold	Pilot Test Hold	346	49518.0				
vRateRemote	RateRemote	273	49539.0				
vResetRequestToggle	ResetRequestToggle	104	49513.7				
vServoEnabledAux	ServoEnabledAux	46	49506.5				
vServoEnabledAux2	ServoEnabledAux2	53	49507.4				
vServoEnabledAux3	ServoEnabledAux3	54	49507.5				
vServoEnabledDraftDamper	ServoEnabledDraftDamper	50	49507.1				
vServoEnabledFDDamper	ServoEnabledFDDamper	45	49506.4				
vServoEnabledFGRDamper	ServoEnabledFGRDamper	47	49506.6				
vServoEnabledFuel1Or2Val	ServoEnabledFuel1Or2Valve	44	49506.3				
vServoEnabledFuel1Valve	ServoEnabledFuel1Valve	41	49506.0				
vServoEnabledFuel2Valve	ServoEnabledFuel2Valve	42	49506.1				
vUSBDownloadEnable	USBDownloadEnable	339	49545.1				
vUsingDualFuelServo	UsingDualFuelServo	5	40232.4				
vWarmStandbyLFH	Warm Standby LFH	267	40240.2				
ccAux_1		402202					
ccAux_1_Ignition		402215					
ccAux_1_Purge		402214					
ccAux_1_Standby		402213					
ccAux_2		402218					
ccAux_2_Ignition		402231					
ccAux_2_Purge		402230					
ccAux_2_Standby		402229					
ccAux_Status		402201					
ccAux2_1		402502					
ccAux2_1_Ignition		402515					
ccAux2_1_Purge		402514					
ccAux2_1_Standby		402513					
ccAux2_2		402518					
ccAux2_2_Ignition		402531					
ccAux2_2_Purge		402530					
ccAux2_2_Standby		402529					

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ccAux2_Status		402501					
ccAux3_1		402602					
ccAux3_1_Ignition		402615					
ccAux3_1_Purge		402614					
ccAux3_1_Standby		402613					
ccAux3_2		402618					
ccAux3_2_Ignition		402631					
ccAux3_2_Purge		402630					
ccAux3_2_Standby		402629					
ccAux3_Status		402601					
ccAvoid_1		403015					
ccAvoid_2		403031					
ccCurveCtrls_Status		403101					
ccFD_1		402102					
ccFD_1_Ignition		402115					
ccFD_1_Purge		402114					
ccFD_1_Standby		402113					
ccFD_2		402118					
ccFD_2_Ignition		402131					
ccFD_2_Purge		402130					
ccFD_2_Standby		402129					
ccFD_Status		402101					
ccFDVSD_1		402302					
ccFDVSD_1_Ignition		402315					
ccFDVSD_1_Purge		402314					
ccFDVSD_1_Standby		402313					
ccFDVSD_2		402318					
ccFDVSD_2_Ignition		402331					
ccFDVSD_2_Purge		402330					
ccFDVSD_2_Standby		402329					
ccFDVSD_Status		402301					
ccFGR_1		402402					
ccFGR_1_Ignition		402415					
ccFGR_1_Purge		402414					
ccFGR_1_Standby		402413					
ccFGR_2		402418					
ccFGR_2_Ignition		402431					
ccFGR_2_Purge		402430					
ccFGR_2_Standby		402429					
ccFGR_Status		402401					
ccFSCurveDataCRC_1		403114					
ccFSCurveDataCRC_2		403130					
ccFSCurvePointVerified_1		403111					
ccFSCurvePointVerified_2		403127					
ccFSFirstInvalidPoint_1		403110					
ccFSFirstInvalidPoint_2		403126					
ccFSParamDataCRC_1		403113					
ccFSParamDataCRC_2		403129					
ccFuel_1		402002					
ccFuel_1_Ignition		402015					
ccFuel_1_Purge		402014					
ccFuel_1_Standby		402013					
ccFuel_2		402018					
ccFuel_2_Ignition		402031					
ccFuel_2_Purge		402030					

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ccFuel_2_Standby		402029				
ccFuel_Status		402001				
ccHighFire_1		403014				
ccHighFire_2		403030				
ccLowFire_1		403013				
ccLowFire_2		403029				
ccO2SP_1		403002				
ccO2SP_2		403018				
ccO2SP_Status		403001				
ccVSCurveDataCRC_1		403106				
ccVSCurveDataCRC_2		403122				
ccVSCurvePointVerified_1		403103				
ccVSCurvePointVerified_2		403119				
ccVSTFirstInvalidPoint_1		403102				
ccVSTFirstInvalidPoint_2		403118				
ccVSParmDataCRC_1		403105				
ccVSParmDataCRC_2		403121				
p24hrRecycleMode	Scanner check 24hr Recycle Option	401024	0	10000		
p24hrRecycleTOD	Scanner Check Time of Day- xx:00	401025	0	10000		
pA2DATZeroDegrees	Servo Zero	401080	0	10000		
pACTCalibrated	Servo Calibrated	401131	0	10000		
pACTClosedDirection	Servo Closed Direction	401130	0	10000		
pACTLimitsLearned	Servo Limits Found	401132	0	10000		
pAIN3SensorType	Local Firing Rate Control Source	401140	0	10000		
pAux2Deadband	4-20 Off-Curve Lockout Deadband %- Aux 2	404000	0.0	1000.0		
pAux2RampRate	4-20 Ramp Rate Sec/100%- Aux 2	401136	0	10000		
pAux2RawFeedbackAt25Pct	Aux2 Raw Feedback @25 Pct	401138	0.00	100.00		
pAux2RawFeedbackAt90Pct	Aux2 Raw Feedback @90 Pct	405104	0.00	100.00		
pAvoidFiringRateBand	+/- Avoid Gap- Firing Rate	401174	0.0	1000.0		
pBoilerOutletDecPt	Dec Pt- Custom Blr Outlet Xmtr	401146	0	10000		
pBoilerOutletSpan	Span- Custom Blr Outlet Xmtr	401147	0.0	1000.0		
pBoilerOutletZero	Zero- Custom Blr Outlet Xmtr	401148	0.0	1000.0		
pButtonSet3Device	Button Set 3	405000	0	10000		
pButtonSet4Device	Button Set 4	405001	0	10000		
pButtonSet5Device	Button Set 5	405002	0	10000		
pCFHLocalMode	CFH Local Mode	401168	0	10000		
pCFHRemoteMode	CFH Remote Mode	401165	0	10000		
pCFHStartDeviation	CFH Start Deviation	401167	0.0	1000.0		
pCFHStopDeviation	CFH Stop Deviation	401166	0.0	1000.0		
pClosedLimitDegrees	Servo Closed Limit	401110	0.00	100.00		
pColdStartActivateSP	Activate SP- Cold Start	401190	0.0	1000.0		
pColdStartDeactivateSP	Deactivate SP- Cold Start	401191	0.0	1000.0		
pColdStartFiringRateStep	Firing Rate Step- Cold Start	401193	0.0	1000.0		
pColdStartFiringStepOver	Firing Step Override Minutes- Cold Start	401194	0	10000		
pColdStartSetpointStep	Setpoint Step- Cold Start	401192	0.0	1000.0		
pDraftAdjStartMaxPressur	Adj Start Draft SP	401229	0.000	10.000		
pDraftAdjStartPosFuelONE	Fuel 1 Adj Start Position	401230	0.00	100.00		
pDraftAdjStartPosFuelTWO	Fuel 2 Adj Start Position	401231	0.00	100.00		
pDraftAlarmDelay	Alarm Delay Sec- Draft	401234	0	10000		
pDraftAlarmSP	Draft Alarm SP	401233	0.000	10.000		
pDraftControlOption	Draft Control Option	401220	0	10000		
pDraftCooldownDelay	Cooldown Delay- Draft	401228	0	10000		
pDraftDamperMaxAutoOutpu	Max Damper Deg. in Auto	401263	0.00	100.00		
pDraftDamperMinAutoOutpu	Min Damper Deg. in Auto	401264	0.00	100.00		
pDraftDamperPurgePositio	Outlet Damper Purge Position	401225	0.00	100.00		

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pDraftDamperRampRate	Sec/90 deg Damper Rate Limit	401265	0	10000
pDraftFeedForwardFuel1X	Draft Feedforward Fuel 1 Curve X Values	401239	0.00	100.00
pDraftFeedForwardFuel1Y	Draft Feedforward Fuel 1 Curve Y Values	406239	0.00	100.00
pDraftFeedForwardFuel2X	Draft Feedforward Fuel 2 Curve X Values	401250	0.00	100.00
pDraftFeedForwardFuel2Y	Draft Feedforward Fuel 2 Curve Y Values	406250	0.00	100.00
pDraftFFProportionalBand	FeedForward Proportional Band- Draft	401226	0.00	100.00
pDraftFloatingDeadband	Deadband- Draft	401224	0.000	10.000
pDraftFloatingProportina	Proportional Band- Draft	401223	0.000	10.000
pDraftModulateDelay	Modulate Delay- Draft	401227	0	10000
pDraftSP	Draft Setpoint	401221	0.000	10.000
pDraftSpan	Draft @ 20 mA- Xmtr Cal	401149	0.000	10.000
pDraftXmtrSmoothingFilte	Filter Sec- Draft Xmtr	401151	0.0	1000.0
pDraftZero	Draft @ 4 mA- Xmtr Cal	401150	0.000	10.000
pFDfanStartDelay	FD Fan Start Delay	401007	0	10000
pFDVSDCtrlMinHz	Min Hz- FD VSD	401134	0	10000
pFDVSDFeedbackHzDeadband	FD VSD Off-Curve Lockout Deadband- Hz	401139	0.0	1000.0
pFDVSDRampRate	Ramp Rate Sec/30Hz- FD VSD	401133	0	10000
pFDVSDRawFeedbackAt15hz	FD VSD Raw Feedback @15 Hz	401135	0.00	100.00
pFDVSDRawFeedbackAt54hz	FD VSD Raw Feedback @54 Hz	405102	0.00	100.00
pFGR_LFH_ReleaseTemp	Release Temp- FGR LFH	401178	0.0	1000.0
pFGRCutbackMinimumTemp	Min Temp.- FGR Cutback	401200	0.0	1000.0
pFGRMinTempCutbackFuel1	Fuel 1 Cutback % at FGR Min Temp	401201	0.0	1000.0
pFGRMinTempCutbackFuel2	Fuel 2 Cutback % at FGR Min Temp	401202	0.0	1000.0
pFiringRateOfChangeLimit	Sec/100%- Ramp Rate- Firing Rate	401173	0	10000
pFS_DSTFIsecF1	Fuel1 DSI MTFI Sec	401021	0	10000
pFS_DSTFIsecF2	Fuel2 DSI MTFI Sec	401023	0	10000
pFS_LeakTestF1	Fuel1 LeakTest Option	401026	0	10000
pFS_LeakTestF2	Fuel2 LeakTest Option	401027	0	10000
pFS_LeakTestSecF1	Fuel1 LeakTest Sec	401018	0	10000
pFS_LeakTestSecF2	Fuel2 LeakTest Sec	401019	0	10000
pFS_MTFIsecF1	Fuel1 MTFI	401020	0	10000
pFS_MTFIsecF2	Fuel2 MTFI	401022	0	10000
pFuel1	Fuel 1 Enable	401003	0	10000
pFuel2	Fuel 2 Enable	401004	0	10000
pHiFireLimiter	High Fire Limiter- 0-100%	401176	0	10000
pHighFlueTempAlarmSP	Alarm SP- Flue Temp	401198	0	10000
pHighFlueTempLockoutSP	Lockout SP- Flue Temp	401199	0	10000
pHoldTimeBeforeAlarm	HOLD Alarm Delay	401016	0	10000
pHoldTimeBeforeLockout	HOLD Lockout Delay	401017	0	10000
pLowFireHoldOverrideTime	Low Fire Hold- Override Seconds	401196	0	10000
pLowOxygenAlarmSP	Low O2 Alarm SP	401204	0.0	1000.0
pLowOxygenLockoutDelay	Low O2 Lockout Delay	401206	0	10000
pLowOxygenLockoutSP	Low O2 Lockout SP	401205	0.0	1000.0
pMainLoopBMS	MainLoopBMS	409112	0	10000
pMainLoopCC1	MainLoopCC1	409110	0	10000
pMainLoopCC2	MainLoopCC2	409111	0	10000
pMainLoopLCD	MainLoopLCD	409113	0	10000
pModBusAddress	Modbus Address	409103	0	10000
pModBusBaudrate	Modbus Baudrate	409102	0	10000
pModBusCommFaultSec	Modbus Comm Timeout (sec)	409104	0	10000
pModBusParity	Modbus Parity	409101	0	10000
pO2CurveDevLockoutSP	O2 Curve Deviation Lockout SP	401203	0.0	1000.0
pO2TrimBurnerWarmUpDelay	Burner Warm Up Delay Sec- O2 Trim	401219	0	10000
pO2TrimLimit	+/- Max Fire Trim- O2	401216	0.00	100.00
pO2TrimLowFireDisableSP	% Firing Rate Disable- O2 Trim	401218	0.0	1000.0

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pO2TrimMinFireTrimScale	Min Fire Trim Scaler- O2/Air Trim	401217	0.00	100.00
pO2TrimMinutesPerRepeat	Minutes per Repeat- O2 Trim	401215	0.00	100.00
pO2TrimProportionalBand	Proportional Band- O2 Trim	401214	0.00	100.00
pO2TrimSP LagTime	SP Lag Time- O2 Trim	401213	0.0	1000.0
pOpenLimitDegrees	Servo Open Limit	401100	0.00	100.00
pOxygenCellCalDataCRC	O2 Cell Cal Data Checksum	401212	0	10000
pOxygenCellOffsetCalData	O2 Cell Offset Cal Data	401210	0.000	10.000
pOxygenCellOhms	OxygenCellOhms	401295	0	10000
pOxygenCellSlopeCalData	O2 Cell Slope Cal Data	401209	0	10000
pOxygenCellTempCalData	O2 Cell Temp Cal Data	401211	0.0	1000.0
pOxygenHighCalGas	O2 High Cal Gas %	401208	0.000	10.000
pOxygenLowCalGas	O2 Low Cal Gas %	401207	0.000	10.000
pPIDIntegralMinutesPerRe	Minutes Per Repeat- Rate PID	401170	0.00	100.00
pPIDProportionalBand	Proportional Band- Rate PID	401169	0.00	100.00
pPostPurgeTime	Post Purge Sec	401011	0	10000
pPurgeTime	Purge Sec	401009	0	10000
pRateDHWSP	DHW- Rate PID Override SP	401177	0.0	1000.0
pRateLocalSP	Rate Local SP	401175	0.0	1000.0
pRateMaxSP	Rate Max SP	401171	0.0	1000.0
pRateMinSP	Rate Min SP	401172	0.0	1000.0
pRateRemoteMode	Remote Modulation	401179	0	10000
pRemoteBoilerOutletSPSpa	Remote SP Span	401296	0.0	1000.0
pRemoteBoilerOutletSPZer	Remote SP Zero	401297	0.0	1000.0
pRemoteRateCutbackSP	Remote Rate Cutback SP	401180	0.0	1000.0
pRunMinutes	RunMinutes	401339	0	10000
pSerialNumber	Serial Number	409106.LONG	0	10000
pServoDeadband	Servo Deadband	401050	0	10000
pServoDegreesPer360mS	Servo Deg. per 360 mS	401120	0.00	100.00
pServoExtendedZero	Servo Zero (Extended)	401090	0	10000
pServoFunction	Servo Functions	401040	0	10000
pServoType	Servo Type	401320	0	10000
pStartCycles	StartCycles	401337	0	10000
pTerm27Option	T27 Options	401187	0	10000
pThermistorAdjOhms	Thermistor Ohms Adjustment	401145	0	10000
vActNoReply	ActNoReply	409037	0	10000
vAux2FB	Aux 2 FB	400209	0.00	100.00
vAux2FBRaw	Aux 2 FB Raw	405101	0.00	100.00
vAux2Out	Aux 2 SP	400042	0.00	100.00
vAux3FB	Aux 3 FB	400210	0.00	100.00
vAux3Out	Aux 3 SP	400044	0.00	100.00
vAuxFB	Aux 1 Servo FB	400208	0.00	100.00
vAuxOut	Aux 1 Servo SP	400038	0.00	100.00
vBMSEventMsg	BMSEventMsg	400068	0	10000
vBMSMajorMinorState	BMSMajorMinorState	409224	0	10000
vBMSMessageData	BMSMessageData	400227	0	10000
vBMSMessageIndex	BMSMessageIndex	400067	0	10000
vBMSMessageTimer	BMSMessageTimer	400065	0	10000
vBMSModel	BMS Model	400088	0	10000
vBMSNoReply	BMSNoReply	409034	0	10000
vBMSPrevErrorCode	BMSPrevErrorCode	409007	0	10000
vBMSPrevErrorData	BMSPrevErrorData	409204.LONG	0	10000
vBMSState	BMS State	400069	0	10000
vBMSWtMonBootFlags	BMSWtMonBootFlags	409047	0	10000
vBoardActVer	BoardActVer	409045	0	10000
vBoardCRC	BoardCRC	409042	0	10000

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vBoardCritVer	BoardCritVer	409043	0	10000
vBoardMajorVer	BoardMajorVer	409040	0	10000
vBoardMinorVer	BoardMinorVer	409041	0	10000
vBoardVersionCmd	BoardVersionCmd	409039	0	10000
vBoilerDemand	Boiler Demand % 135 Ohm/4-20 P7810	400201	0	10000
vBoilerOutlet	Boiler Outlet Temp/Press	400200	0.0	1000.0
vCalibrateServos	CalibrateServos	409226	0	10000
vCC2NoReply	CC2NoReply	409036	0	10000
vCC2PrevErrorCode	CC2PrevErrorCode	409009	0	10000
vCC2PrevErrorData	CC2PrevErrorData	409206.LONG	0	10000
vCCCommState	CCCommState	409001	0	10000
vCCMainState	CCMainState	409000	0	10000
vCCMsgCode	CCMsgCode	409221	0	10000
vCCMsgData	CCMsgData	409222	0	10000
vCCMsgDataIndex	CCMsgDataIndex	409223	0	10000
vCCPrevErrorCode	CCPrevErrorCode	409005	0	10000
vCCPrevErrorData	CCPrevErrorData	409202.LONG	0	10000
vCellTemp	O2 Cell Temp	400089	0.0	1000.0
vCJT_C	Cold Junction deg C	400115	0	10000
vCmMessage	CmMessage	400070	0	10000
vCombustionEfficiency	Combustion Efficiency	400220	0.00	100.00
vCurrentFuel	Selected Fuel	400085	0	10000
vCurveCommand	CurveCommand	400071	0	10000
vCurveCommandMessage	CurveCommandMessage	400072	0	10000
vCurveDisplayIndex	CurveDisplayIndex	400140	0	10000
vCurveFuelSelect	CurveFuelSelect	400081	0	10000
vCurveInput	CurveInput	400139	0.00	100.00
vCurveO2SP	CurveO2SP	400054	0.00	100.00
vDay	Day	400118	0	10000
vDemandRange	DemandRange	400053	0.00	100.00
vDeviceOffCurve	DeviceOffCurve	409026	0	10000
vDraft	Draft	400217	0.000	10.000
vDraftDamperCmd	DraftDamperCmd	400104	0.00	100.00
vDraftDamperFB	Draft Servo FB	400218	0.00	100.00
vDraftDamperOut	Draft Servo SP	400009	0.00	100.00
vDraftFF	Draft FeedForward	406105	0.000	10.000
vFDDamperFB	FD Servo FB	400205	0.00	100.00
vFDDamperOut	FD Servo SP	400002	0.00	100.00
vFDVSDFB	FD VSD Hz FB	400206	0.00	100.00
vFDVSDFBRaw	FD VSD Hz FB Raw	405100	0.00	100.00
vFDVSDOut	FD VSD Hz SP	400001	0.00	100.00
vFGRDamperFB	FGR Servo FB	400207	0.00	100.00
vFGRDamperOut	FGR Servo SP	400040	0.00	100.00
vFiringRateOut	Firing Rate %	400050	0.00	100.00
vFlueGasTemp	Flue Temp	400219	0	10000
vFRMessage	FRMessage	400098	0	10000
vFuel1or2ValveFB	Fuel1or2ValveFB	400133	0.00	100.00
vFuel1or2ValveOut	Fuel1or2ValveOut	400138	0.00	100.00
vFuel1ValveFB	Fuel1 Servo FB	400031	0.00	100.00
vFuel1ValveOut	Fuel1 Servo SP	400030	0.00	100.00
vFuel2ValveFB	Fuel2 Servo FB	400033	0.00	100.00
vFuel2ValveOut	Fuel2 Servo SP	400032	0.00	100.00
vFuelAvoidPosition	FuelAvoidPosition	400059	0.00	100.00
vFuelDemand	Fuel Demand deg	400099	0.00	100.00
vFuelFeedbackPosition	Fuel Feedback Position	400204	0.00	100.00

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vFuelIgnitionPosition	FuelIgnitionPosition	400058	0.00	100.00
vFuelMaxValue	FuelMaxValue	400056	0.00	100.00
vFuelMinValue	FuelMinValue	400055	0.00	100.00
vHour	Hour	400119	0	10000
vLastCellOhms	O2 Cell Ohms	400091	0	10000
vLCDNoReply	LCDNoReply	409035	0	10000
vLCDPrevErrorCode	LCDPrevErrorCode	409011	0	10000
vLCDPrevErrorData	LCDPrevErrorData	409208.LONG	0	10000
vLearnServoLimits	LearnServoLimits	409227	0	10000
vMinute	Minute	400120	0	10000
vMonth	Month	400117	0	10000
vO2CalChange	O2CalChange	400094	0.00	100.00
vO2CalMsg	O2CalMsg	400092	0	10000
vO2PWM	O2PWM	409220	0	10000
vO2StatusMsg	O2StatusMsg	400093	0	10000
vO2Trim	O2 Trim	400213	0.00	100.00
vOxyCellmV	O2 Cell mV	400090	0.00	100.00
vOxygen	Oxygen	400212	0.00	100.00
vOxygenSP	O2 Trim PID SP	400211	0.00	100.00
vParamVersion	ParamVersion	409999	0	10000
vPasswordLevel	Password Level	400013	0	10000
vPasswordMessage	PasswordMessage	400084	0	10000
vRateCmd	Firing Rate % Command	400203	0.0	1000.0
vRateFB	Firing Rate % FB	400051	0.0	1000.0
vRateSP	Local SP, Firing Rate PID	400202	0.0	1000.0
vRateSPDisplay	RateSPDisplay	400005	0.0	1000.0
vRateSPSource	RateSPSource	400101	0	10000
vRemoteBoilerOutletSP	Remote SP, Firing Rate PID	400048	0.0	1000.0
vRemoteFiringRate	Remote Firing Rate	400012	0.0	1000.0
vRequestedFuel	RequestedFuel	400086	0	10000
vScaledTrim	Scaled O2 Trim	400214	0.00	100.00
vScanner1Intensity	Scanner 1 %	400221	0	10000
vServoErrorMessage	ServoErrorMessage	400082	0	10000
vServoErrorServoAddr	ServoErrorServoAddr	400083	0	10000
vServoOperationComplete	ServoOperationComplete	409225	0	10000
vSMCommError	SMCommError	409044	0	10000
vSysMessage	SysMessage	400226	0	10000
vVerifySubState	VerifySubState	400141	0	10000
vViewCurvAux2SP	ViewCurvAux2SP	400078	0.00	100.00
vViewCurvAux3SP	ViewCurvAux3SP	407078	0.00	100.00
vViewCurvAuxSP	ViewCurvAuxSP	400074	0.00	100.00
vViewCurvFDDamperSP	ViewCurvFDDamperSP	400077	0.00	100.00
vViewCurvFDVSDSP	ViewCurvFDVSDSP	400079	0.00	100.00
vViewCurvFGRDdamperSP	ViewCurvFGRDdamperSP	400076	0.00	100.00
vViewCurvFuelSP	ViewCurvFuelSP	400075	0.00	100.00
vViewCurvOxygenSP	ViewCurvOxygenSP	400073	0.00	100.00
vYear	Year	400116	0	10000