

MFTB HART Menu Tree

Online Menu

Device Monitor	PV				
	SV				
Setup	Temperature				
	Totalized Flow				
	Loop Current				
	Basic Setup	Tag			
		Long tag			
		PV Units			
	Flow Area	Flow Area			
		Calculate Flow Area (M)			
	Analog Output			Loop current mode	
				PV LRV	
	Flow Rate DAMP			PV URV	
				Calibrate LRV (M)	
	Total CF			Calibrate URV (M)	
	Correction Bias				
Number of Correction Pts					
Flow Correction Coefficients	Correction Data Sets		VCF Data Set 1	Reference Value 1	
			VCF Data Set 2	Test Data 1	
			VCF Data Set 3	Reference Value 2	
			VCF Data Set 4	Test Data 2	
			VCF Data Set 5	Reference Value 3	
			VCF Data Set 6	Test Data 3	
			VCF Data Set 7	Reference Value 4	
			VCF Data Set 8	Test Data 4	
Flow Cal Data	Std Temp				
	Std Absolute Press				
Purge Setup	Auto Purge OnOff				
	Interval				
	Width				
	Hold Time				
	Start Purge (M)				
Drift Check Setup	Auto Drift Check OnOff				
	% FS at Zero				
	Duration at Zero				
	%FS at Mid				
	Duration at Mid				
	% FS at Span				
	Duration at Span				
Device Information	HART Output		Poll addr		
	Manufacturer		Num req preams		
	Model				
	Dev id				
	Cfg chng count				
	Tag				
	Long tag				
	Date				
	Last Cal Date				
	Final asbly num				
	Write protect				
	Descriptor				
	Message				
	Revision #'s		Universal rev		
			Fid dev rev		
		Software rev			
Common	Reset Config Changed Flag (M)				
	Reset Device (M)				
	Loop test (M)				
	Calibrate 4-20mA Output (M)				
	Calibrate LRV (M)				
	Calibrate URV (M)				
Drift Check	Drift Check Results		Run Drift Check (M)		
			Vin Zero		
			Vin Mid		
			Vin Span		
			Vout Zero		
			Vout Mid		
			Vout Span		
			% Drift at Zero		
			% Drift at Mid		
			% Drift at Span		
Start Purge (M)					
	Reset Device (M)				
	Reset Totalizer (M)				
Total CF					
Diagnostic Measurements	Input Voltage		VPs		
			Viph		
			VLI		
			VLeakSense		
			VRTch		
			VRTcl		
			VEXtn		
			VTemp		
			Vcal		
			Rp Current		
Sensor Output	Sensor Output		Rp Power		
			Rp Resistance		
			Rtc Resistance		
			Sensor Wire R		
	Sensor Leak R				

Review

HART Device Data	Manufacturer Model Tag Long Tag Poll Addr Dev id Cfg chng count Descriptor Message Date Last Cal Date Final assembly num Universal rev Fid dev rev Software rev Num req preams Write protect PV SV Temperature Totalized Flow Total CF
Process Variables	PV SV Temperature Totalized Flow Total CF
Diagnostic Measurements	Input Voltage Sensor Output
Device Status	Loop current Electronic Temp Run time Device Error Status
Basic Setup	Tag Long Tag PV Units Flow Area Analog Output PV DAMP Total CF Correction Bias Number of Correction Pts
Flow Correction Coefficients	Correction Data Sets
Flow Cal Data	Std Temp Std Absolute Press Auto Purge OnOff Interval Width Hold Time
Purge Setup	Auto Drift Check OnOff % FS at Zero Duration at Zero % FS at Mid Duration at Mid % FS at Span Duration at Span Interval

VPs Vpgh VLI VLeakSense VRtch VRtcl VExtIn VTemp VCal Rp Current Rp Power Rp Resistance Rtc Resistance Sensor Wire R Sensor Leak R
Status group 0 Status group 1 Status group 2 Status group 3 Status group 4 Status group 5
Loop current mode PV LRV PV LRV
VCF Data Set 1 VCF Data Set 2 VCF Data Set 3 VCF Data Set 4 VCF Data Set 5 VCF Data Set 6 VCF Data Set 7 VCF Data Set 8

VPs Vpgh VLI VLeakSense VRtch VRtcl VExtIn VTemp VCal Rp Current Rp Power Rp Resistance Rtc Resistance Sensor Wire R Sensor Leak R
--

Rp resistance above high limit Rp resistance below low limit Rtc resistance above high limit Rtc resistance below low limit Wire Resistance above high limit Sensor RPS lead open circuit High sensor or wire leakage current Flow rate above design limits
Reserved Reserved ADC failed to convert data Sensor control stopped responding Sensor control crowbar engaged Sensor type does not match config Abnormal sensor node voltages Unable to write new config file Sensor Type Does Not Match Board Reserved Reserved Reserved Reserved Reserved Reserved Reserved Reserved Reserved Reserved Reserved Reserved HART Warning: Subsystem Fail Sensor leak warning S-GND bleed 100K Power was applied Change made to Configuration Device in Diagnostic Mode Fixed current output Fault Event in MFTB Analog output saturated MFTB Alarm 1 MFTB Alarm 2 Reserved Reserved
Zero Drift Test in progress Mid-span Drift Test in progress Full-span Drift Test in progress Drift Check Cycle All Tests Purge Start Flag Unused Unused Unused

Loop current mode PV LRV PV LRV

Reference Value 1 Test Data 1 Reference Value 2 Test Data 2 Reference Value 3 Test Data 3 Reference Value 4 Test Data 4 Reference Value 5 Test Data 5 Reference Value 6 Test Data 6 Reference Value 7 Test Data 7 Reference Value 8 Test Data 8
--