

User Header

Device Configuration File: Rev 1.0

File: C:\Users\jdobos\FF Configs\R-0301-TEMP2_20210520_144620
Tag: R-0301-TEMP2
Device ID: 0011510644-EPM-TEMP-0x226BB810
DD: \001151\0644\0201.ffo
Date (yyyy-mm-dd): 2021-05-20
Time (hr:mn:sc): 02:46:57 PM
Tech: Tech name
Notes: Testing the block mode parameter

<u>Variable</u>	<u>Value</u>	<u>Units</u>
Block: Sensor Transducer Block		
Transducer Type	Standard Temperature with Calibration	
Transducer Error	No error	
Primary Value Type	process temperature	
Cal Point Hi	850.00	
Cal Point Lo	410.00	
Cal Min Span	10	
Cal Unit	deg C	
Sensor Type	PT100_A_385 (IEC 751)	
Sensor Serial Number		
Sensor Calibration Method	factory trim standard calibration	
Sensor Calibration Location	Cal Lab	
Sensor Calibration Date	09/28/2001 Fri 00:00:00.000	
Sensor Calibration Who	dobos	
Sensor Connection	3-wire	
Secondary Value Unit	deg C	
Asic Rejection	60 Hz, Normal Update	
Calibrator Mode	Disabled	
Open sensor Holdoff	Normal	
Intermittent Detection Threshold	0.3	
User 2 Wire Offset	0	
Detailed status for all sensors.	None	
Transducer Directory Entry	1	
Collection Directory Entry	1	
EU at 0%	0.00	
EU at 100%	0.00	
Units Index	deg K	
Decimal	1	
Secondary Value Unit	deg K	
R0 constant of Calendar Van Dusen sensor	0.000	
A0 constant of Calendar Van Dusen sensor	0.00000000E+00	
B0 constant of Calendar Van Dusen sensor	0.00000000E+00	
C0 constant of Calendar Van Dusen sensor	0.00000000E+00	
Damping Value	4.0	s
Status	Bad::NonSpecific:NotLimited	
Target	None	
Actual	None	

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
R0, A, B, and C CVD Coefficient Values.B0 constant of Calendar Van Dusen sensor	-5.77499975E-07	
R0, A, B, and C CVD Coefficient Values.C0 constant of Calendar Van Dusen sensor	-4.18299987E-12	
Update Event.Unacknowledged	Uninitialized	
Update Event.Update State	Uninitialized	
Update Event.Time Stamp	01/01/1972 00:00:00.00000000	
Update Event.Static Rev	0	
Update Event.Relative Index	0	
Block Alarm.Unacknowledged	Uninitialized	
Block Alarm.Alarm State	Uninitialized	
Block Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Block Alarm.Subcode	Other	
Block Alarm.Value	0	
Block Mode.Target	OOS	
Block Mode.Actual	OOS	
Block Mode.Permitted	OOS,Auto	
Block Mode.Normal	Auto	
Block: Transducer Block		
Transducer Type	Other	
Transducer Error	No error	
Transducer Directory Entry	1	
Collection Directory Entry	1	
Display Parameter Select	Display Parameter 1	
Block Type #1	Sensor Transducer Block	
Block Tag #1	TRANSDUCER	
Param Index #1	STB-PRIMARY_VALUE_1	
Custom Tag #1		
Units Type #1	Auto	
Custom Units #1		
Block Type #2	Not Initialized	
Block Tag #2		
Param Index #2	Not Initialized	
Custom Tag #2		
Units Type #2	Auto	
Custom Units #2		
Block Type #3	Not Initialized	
Block Tag #3		
Param Index #3	Not Initialized	
Custom Tag #3		
Units Type #3	Auto	
Custom Units #3		
Block Type #4	Not Initialized	
Block Tag #4		
Param Index #4	Not Initialized	
Custom Tag #4		
Units Type #4	Auto	
Custom Units #4		

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
Target	None	
Actual	None	
Normal	None	
Unacknowledged	Uninitialized	
Alarm State	Uninitialized	
Time Stamp	01/01/1900 00:00:00.00000000	
Subcode	Other	
Static Rev	1	
Relative Index	1	
Alert Key	0	
Block Error	None	
Static Revision	1	
Strategy	0	
Tag Description	0x20,0x20,0x20,0x20,0x20,0x20,0x20,0x20, 0,0x20,0x20,0x20,0x20,0x20,0x20,0x20, 0x20,0x20,0x20,0x20,0x20,0x20,0x20,0x20, 20,0x20,0x20,0x20,0x20,0x20,0x20,0x20, ,0x20,0x20	
Permitted	None	
Update State	Uninitialized	
Unacknowledged	Uninitialized	
Value	1	
Transducer Directory.Transducer Directory Entry	1	
Transducer Directory.Transducer Directory Entry	1210	
Collection Directory.Collection Directory Entry	0	
Update Event.Unacknowledged	Uninitialized	
Update Event.Update State	Uninitialized	
Update Event.Time Stamp	01/01/1972 00:00:00.00000000	
Update Event.Static Rev	0	
Update Event.Relative Index	0	
Block Alarm.Unacknowledged	Uninitialized	
Block Alarm.Alarm State	Uninitialized	
Block Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Block Alarm.Subcode	Other	
Block Alarm.Value	0	
Block Mode.Target	Auto	
Block Mode.Actual	Auto	
Block Mode.Permitted	OOS,Auto	
Block Mode.Normal	Auto	
Block: Analog Input		
Units Index	K	
Alarm select	None	
Value	Off	
StdDev	1	
Cap StdDev	1	
AI Channel	Sensor 1	
Status	Bad::NonSpecific:NotLimited	

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
Simulate Value	0	
Transducer Status	Bad::NonSpecific:NotLimited	
Transducer Value	0	
Unacknowledged	Uninitialized	
Value	1	
Status	Bad::NonSpecific:NotLimited	
Value	0	
Update Event.Unacknowledged	Uninitialized	
Update Event.Update State	Uninitialized	
Update Event.Time Stamp	01/01/1972 00:00:00.00000000	
Update Event.Static Rev	0	
Update Event.Relative Index	0	
Alarm Summary.Current	Block Alarm	
Alarm Summary.Unacknowledged	Block Alm Unack	
Alarm Summary.Unreported	Block Alm Unrep	
Alarm Summary.Disabled	None	
Simulate.Simulate Status	Bad::OutOfService:NotLimited	
Simulate.Simulate Value	410.37	deg C
Simulate.Transducer Status	Bad::OutOfService:NotLimited	
Simulate.Transducer Value	410.37	deg C
Simulate.Simulate En/Disable	Disabled	
Block Alarm.Unacknowledged	Unacknowledged	
Block Alarm.Alarm State	Active-Not Reported	
Block Alarm.Time Stamp	01/01/1972 00:00:03.00693750	
Block Alarm.Subcode	OutOfService	
Block Alarm.Value	0	
Field Value.Status	Bad::OutOfService:NotLimited	
Field Value.Value	293.12	%
Grant Deny.Grant	None	
Grant Deny.Deny	None	
High Alarm.Unacknowledged	Uninitialized	
High Alarm.Alarm State	Uninitialized	
High Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
High Alarm.Subcode	Other	
High Alarm.Float Value	0	°C
High High Alarm.Unacknowledged	Uninitialized	
High High Alarm.Alarm State	Uninitialized	
High High Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
High High Alarm.Subcode	Other	
High High Alarm.Float Value	0	°C
Low Alarm.Unacknowledged	Uninitialized	
Low Alarm.Alarm State	Uninitialized	
Low Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Low Alarm.Subcode	Other	
Low Alarm.Float Value	0	°C
Low Low Alarm.Unacknowledged	Uninitialized	
Low Low Alarm.Alarm State	Uninitialized	
Low Low Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Low Low Alarm.Subcode	Other	
Low Low Alarm.Float Value	0	°C

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
Block Mode.Target	OOS	
Block Mode.Actual	OOS	
Block Mode.Permitted	OOS,Man,Auto	
Block Mode.Normal	Auto	
Output.Status	Bad::OutOfService:NotLimited	
Output.Value	410.48	°C
Output Discrete.Status	Bad::OutOfService:NotLimited	
Output Discrete.Value	Off	
Output Scale.EU at 100%	150	°C
Output Scale.EU at 0%	0	°C
Output Scale.Units Index	°C	
Output Scale.Decimal	1	
Process Value.Status	Bad::OutOfService:NotLimited	
Process Value.Value	0.00	°C
Transducer Scale.EU at 100%	140	deg C
Transducer Scale.EU at 0%	0	deg C
Transducer Scale.Units Index	deg C	
Transducer Scale.Decimal	1	
Block: PID Control		
Bias	0	
Error	0	
SP Work	0	
SP FTime	0	
UGamma	0	
UBeta	1	
Units Index	K	
IDeadBand	0	
StdDev	0	
Cap StdDev	0	
mathform	Standard	
structreconfig	Error on PI_D	
T State	0	
T Ipgain	0	
T Ugain	0	
T Uperiod	0	
T Psgain	0	
T Ptimec	0	
T Pdtype	0	
T Targetop	2	
T Hyster	0	
T Relayss	3	
T Aoperiods	0	
T Request	None	
T Status	None	
T Gain Magnifier	1	
T Auto Extra DT	False	
T Auto Hysteresis	False	
Status	Bad::NonSpecific:NotLimited	
Status	Bad::NonSpecific:NotLimited	
Value	0	

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
Value	0	
Value	0	
EU at 100%	0	
EU at 0%	0	
Decimal	1	
Target	None	
Actual	None	
Normal	None	
Grant	None	
Deny	None	
Unacknowledged	Uninitialized	
Alarm State	Uninitialized	
Time Stamp	01/01/1900 00:00:00.00000000	
Subcode	Other	
Float Value	0	
Static Rev	1	
Relative Index	1	
Current	None	
Unacknowledged	None	
Unreported	None	
Disabled	None	
Alert Key	0	
Acknowledge Option	None	
Alarm Hysteresis	0.5	%
Balance Time	0	Sec
Back Calculation Hysteresis	0.5	%
Block Error	None	
Bypass	Uninitialized	
Control Options	None	
Deviation High Limit	inf	%
Deviation High Priority	0	
Deviation Low Limit	-inf	%
Deviation Low Priority	0	
Feed Forward Gain	0	
Gain	1	
High High Limit	inf	%
High High Priority	0	
High Limit	inf	%
High Priority	0	
Low Limit	-inf	%
Low Priority	0	
Low Low Limit	-inf	%
Low Low Priority	0	
Output High Limit	100	%
Output Low Limit	0	%
Process Value Filter Time	0	Sec
Rate	0	Sec
Reset	inf	Sec
Shed Options	Uninitialized	
Setpoint High Limit	100	%

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
Deviation Low Alarm.Unacknowledged	Uninitialized	
Deviation Low Alarm.Alarm State	Uninitialized	
Deviation Low Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Deviation Low Alarm.Subcode	Other	
Deviation Low Alarm.Float Value	0	%
Feed Forward Scale.EU at 100%	100	%
Feed Forward Scale.EU at 0%	0	%
Feed Forward Scale.Units Index	%	
Feed Forward Scale.Decimal	0	
Feed Forward Value.Status	Bad::NonSpecific:NotLimited	
Feed Forward Value.Value	0	%
Grant Deny.Grant	None	
Grant Deny.Deny	None	
High Alarm.Unacknowledged	Uninitialized	
High Alarm.Alarm State	Uninitialized	
High Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
High Alarm.Subcode	Other	
High Alarm.Float Value	0	%
High High Alarm.Unacknowledged	Uninitialized	
High High Alarm.Alarm State	Uninitialized	
High High Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
High High Alarm.Subcode	Other	
High High Alarm.Float Value	0	%
Input.Status	Bad::NotConnected:NotLimited	
Input.Value	0	%
Low Alarm.Unacknowledged	Uninitialized	
Low Alarm.Alarm State	Uninitialized	
Low Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Low Alarm.Subcode	Other	
Low Alarm.Float Value	0	%
Low Low Alarm.Unacknowledged	Uninitialized	
Low Low Alarm.Alarm State	Uninitialized	
Low Low Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Low Low Alarm.Subcode	Other	
Low Low Alarm.Float Value	0	%
Block Mode.Target	OOS	
Block Mode.Actual	OOS	
Block Mode.Permitted	OOS,Man,Auto,Cas,RCas,ROut	
Block Mode.Normal	Auto	
Output.Status	Bad::NonSpecific:NotLimited	
Output.Value	0	%
Output Scale.EU at 100%	100	%
Output Scale.EU at 0%	0	%
Output Scale.Units Index	%	
Output Scale.Decimal	0	
Process Value.Status	Bad::NonSpecific:NotLimited	
Process Value.Value	0.00	%
Process Value Scale.EU at 100%	100	%
Process Value Scale.EU at 0%	0	%
Process Value Scale.Units Index	%	

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
Diagnostics Options	No Options Enabled	
Misc Options	No Options Enabled	
Failure Priority	3	
Failure Mask	None	
Failure Active	None	
Maintenance Priority	3	
Maintenance Mask	None	
Maintenance Active	None	
Advisory Priority	3	
Advisory Mask	None	
Advisory Active	None	
Value	0	
Value	0	
Value	0	
Recommended Action	No action required.	
Failure Enable	Electronics Failure,NV Memory Failure,H W / SW Incompatible,Primary Value Failure,Secondary Value Failure	
Maintenance Enable	Primary Value Degraded,Secondary Value Degraded,Configuration Error,Calibration Error	
Advisory Enable	PWA Simulate Active	
Subcode	Secondary Value Failure	
Subcode	Calibration Error	
Subcode	Reserved	
Acknowledge Option	None	
Current	None	
Unacknowledged	None	
Unreported	None	
Disabled	None	
Health Index	100	
PWA Simulate	Simulation off	
Target	None	
Actual	None	
Normal	None	
Grant	None	
Deny	None	
Unacknowledged	Uninitialized	
Alarm State	Uninitialized	
Time Stamp	01/01/1900 00:00:00.00000000	
Subcode	Other	
Discrete Value	State 0	
Static Rev	1	
Relative Index	1	
Alert Key	0	
Test Boolean	FALSE (0)	
Test Integer8	1	
Test Integer16	1	
Test Integer32	1	
Test Unsigned8	1	

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
Test Unsigned16	1	
Test Unsigned32	1	
Test Float	0	
Test Visible String	*FLAGGED_INVALID*	
Test Octet String	0x2A,0x46,0x4C,0x41,0x47,0x47,0x45,0x44,0x5F,0x49,0x4E,0x56,0x41,0x4C,0x49,0x44,0x2A	
Test Date	01/01/1900 Sun 00:00:00.000	
Test Time	01/01/1900 00:00:00.000	
Test Time Difference	0 Days 00:00:00.000	
Test Bit String	None	
Test Data Link Layer Time	01/01/1900 00:00:00.00000000	
Block Error	SimulationActive	
Clear Fault State	Off	
Confirm Time	640000	1/32 ms
Cycle Selection	None	
Cycle Type	Block Execution,Scheduled	
DD Resource		
DD Revision	1	
Device Revision	2	
Device Type	644HF Temperature	
Fault State	Clear	
Feature Selection	Soft W Lock,Reports	
Features	Soft W Lock,Reports,Unicode	
Free Space	72.973	%
Free Time	0	%
Hard Types	Scalar Input	
Limit Notify	6	
Manufacturer Id	Rosemount	
Max Notify	7	
Memory Size	16	Kbytes
Minumum Cycle Time	4800	1/32 ms
Nonvolatile Cycle Time	960000	1/32 ms
Restart	Run	
Resource State	Online Linking	
Set Fault State	Off	
Shed Remote Cascade	640000	1/32 ms
Shed Remote Out	640000	1/32 ms
Static Revision	47	
Strategy	0	
Tag Description	0x30,0x78,0x32,0x30,0x2C,0x30,0x78,0x32,0x30,0x2C,0x30,0x78,0x32,0x30,0x2C,0x30,0x78,0x32,0x30,0x2C,0x30,0x78,0x32,0x30,0x2C,0x30,0x78,0x32,0x30,0x2C,0x30,0x78	
Write Lock	Not Locked	
Write Priority Permitted	0	
Update State	None	
Unacknowledged	Uninitialized	

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<u>Variable</u>	<u>Value</u>	<u>Units</u>
Value	1	
ITK Version	5	
Device String.Device String Entry	0	
Device String.Device String Entry	0	
Device String.Device String Entry	0	
Device String.Device String Entry	0	
Device String.Device String Entry	0	
Device String.Device String Entry	0	
Device String.Device String Entry	0	
Failure Alarm.Unacknowledged	Acknowledged	
Failure Alarm.Alarm State	Clear-Reported	
Failure Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Failure Alarm.Subcode	0x00 ZERO INVALID	
Failure Alarm.Value	0	
Maintenance Alarm.Unacknowledged	Acknowledged	
Maintenance Alarm.Alarm State	Clear-Reported	
Maintenance Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Maintenance Alarm.Subcode	0x00 ZERO INVALID	
Maintenance Alarm.Value	0	
Advisory Alarm.Unacknowledged	Acknowledged	
Advisory Alarm.Alarm State	Clear-Reported	
Advisory Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Advisory Alarm.Subcode	0x00 ZERO INVALID	
Advisory Alarm.Value	0	
Alarm Summary.Current	Block Alarm	
Alarm Summary.Unacknowledged	Block Alm Unack	
Alarm Summary.Unreported	Block Alm Unrep	
Alarm Summary.Disabled	None	
Update Event.Unacknowledged	Unacknowledged	
Update Event.Update State	Not Reported	
Update Event.Time Stamp	01/01/1972 00:00:02.52240625	
Update Event.Static Rev	47	
Update Event.Relative Index	0	
Test Read Write.Test Boolean	FALSE (0)	
Test Read Write.Test Integer8	0	
Test Read Write.Test Integer16	0	
Test Read Write.Test Integer32	0	
Test Read Write.Test Unsigned8	0	
Test Read Write.Test Unsigned16	0	
Test Read Write.Test Unsigned32	0	
Test Read Write.Test Float	0	
Test Read Write.Test Visible String		
Test Read Write.Test Octet String	0x20,0x20,0x20,0x20,0x20,0x20,0x20,0x20, 0,0x20,0x20,0x20,0x20,0x20,0x20,0x20,0x20, 0x20,0x20,0x20,0x20,0x20,0x20,0x20,0x20,0x 20,0x20,0x20,0x20,0x20,0x20,0x20,0x20, ,0x20,0x20	
Test Read Write.Test Date	01/01/2000 Sun 00:00:00.000	
Test Read Write.Test Time	01/01/1984 00:00:00.000	

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Test Read Write.Test Time Difference	0 Days 00:00:00.000	
Test Read Write.Test Bit String	None	
Test Read Write.Test Data Link Layer Time	01/01/1972 00:00:00.00000000	
Block Alarm.Unacknowledged	Unacknowledged	
Block Alarm.Alarm State	Active-Not Reported	
Block Alarm.Time Stamp	01/01/1972 00:00:02.52303125	
Block Alarm.Subcode	SimulationActive	
Block Alarm.Value	0	
Grant Deny.Grant	None	
Grant Deny.Deny	None	
Block Mode.Target	Auto	
Block Mode.Actual	Auto	
Block Mode.Permitted	OOS,Auto	
Block Mode.Normal	Auto	
Write Alarm.Unacknowledged	Acknowledged	
Write Alarm.Alarm State	Clear-Reported	
Write Alarm.Time Stamp	01/01/1972 00:00:00.00000000	
Write Alarm.Subcode	Other	
Write Alarm.Discrete Value	State 0	