

**MPI-MXTT**

**SERIES**

HART

MODBUS

# TEMPERATURE TRANSMITTERS

**Measured Success™**

**Designed for the  
Upstream Oil & Gas  
Industry**

**Programmable  
Temperature  
Transmitter with HART  
& Modbus output**

**Multiple Sensor Types  
& Ranges**

**High definition local  
operator interface (LOI)  
with 3 optical buttons**



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<b>MEASURING PRINCIPAL</b>	<b>MPI-MXTT SERIES</b> Resistance Temperature Detector
<b>FIELD OF APPLICATION</b>	Modular Temperature Assembly
<b>PROCESS CONNECTIONS</b>	Male Threaded: - NPT 1/2" - NPT 3/4" - NPT 1"
<b>AMBIENT TEMPERATURE RANGE</b>	-40°C to +85°C (with silicone O-ring) -20°C to +85°C (with FKM O-ring)
<b>THERMOWELL/TUBE</b>	Barstock
<b>RTD INPUT/TYPE</b>	Pt50/100/200/500/1000; Ni50/100/120/1000
<b>THERMOCOUPLE TYPES</b>	B, E, J, K, L, N, R, S, T, U, W3, W5, LR
<b>ACCURACY</b>	Better than 0.05% of selected range
<b>SUPPLY VOLTAGE</b>	7.2...35 VDC
<b>LINEAR RESISTANCE INPUT</b>	Linear resistance min....max.0 Ω...7000 Ω
<b>OUTPUT</b>	4 to 20 mA HART MODBUS RTU/RS485
<b>OPTIONS</b>	Programmable Response Time- 1 to 60 sec SIL-Hardware assessed for use in SIL Applications
<b>HAZARDOUS AREA APPROVALS</b>	CSA/US, FM Class 1, Div 1, Groups A, B, C, D