

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