Product data sheet

Specifications

Green Premium™

Temperature transmitter with advanced diagnostics, dual 3-wire RTD channels, and SIL 2/3 certification.

RTT80

Main

Range of product	Temperature
Product or component type	Temperature transmitter
Type of measurement	Temperature
Product specific application	Water and waste water
Market segment	Oil and gas Paper and pulp Chemical Pharmaceutical

Complementary

Analogue input type	RTD Thermocouple Resistor Voltage
Communication port protocol	HART, 4...20 mA FOUNDATION fieldbus
Measurement range	- 270...1300 °C - 454...2372 °F
Network and machine diagnosis type	Sensor broken Sensor shorted Sensor corrosion Drift detection
Measurement accuracy	+/- 0.32 °C with thermocouple K +/- 14 °C with RTD PT100
Safety level	SIL 2

Environment

Product certifications	FM CSA ATEX IECEx
Standards	DIN

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes

RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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