

Product data sheet

Specifications



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

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

Environment

Standards	DIN
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)


[How we assess product sustainability >](#)

Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
EU RoHS Directive	Compliant with Exemptions
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

Use Again

Repack and remanufacture	
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.