

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	- 2701300 °C - 4542372 °F	
Measurement accuracy	+/- 0.32 °C with thermocouple K +/- 14 °C with RTD PT100	
Communication port protocol	HART, 420 mA FOUNDATION fieldbus	
Network and machine diagnosis type	S 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.



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

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4	Environmental	tootbrint

Environmental Disclosure

Product Environmental Profile

Use Better

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