

Product data sheet

Characteristics

5123102010

STP Series temperature sensor, STP100-50,
pipe, 50mm, TAC Vista And TAC Xenta
compatible



Main

Range of product	STP100
Product or component type	Sensor
Type of measurement	Temperature
Device application	Pipe immersion
IP degree of protection	IP65
Location	Plant room
Mounting support	Pipe
Depth	44 mm
Height	84 mm
Net weight	0.1 kg
Width	65 mm
Output type	Resistive output
Product compatibility	Vista
Standards	EN 50082-2 EN 50081-1
Colour	Black and green
Ambient air temperature for operation	-10...150 °C
Sensor type	1.8 kOhm NTC temperature
Targeted region	Asia Pacific. Europe

Complementary

Type of installation	Immersion
Material	PA (polyamide): connection box Stainless steel: immersion tube
Time constant	19000 Ms brass PN 16 with contact paste 20000 Ms stainless steel PN 25 with contact paste 23000 Ms brass PN 16 without contact paste 24000 ms stainless steel PN 25 without contact paste
Connections - terminals	Wire (AWG 24...AWG 18)
Length	50 mm for side sensor
Number of cables	1 <0.02 m
Measurement accuracy	0...25 °C +/- 0.3 °C

Environment

Temperature probe type	NTC 1800 Ohm at 25 °C
Product certifications	CE

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.2 cm
Package 1 Width	9.6 cm
Package 1 Length	20.2 cm
Package 1 Weight	161.0 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile

Contractual warranty

Warranty	24 months
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