

DESCRIPTION

This series of transmitters fitted with temperature sensors deliver high-precision reading with great reliability. The transmitter is based in a PT100 thermocouple which internal resistance varies according to the probe temperature. Afterwards the signal is converted to 4...20 mA or optionally it can output a RS485 signal.

It is used to control the temperature in chemical machinery as well as boilers or compressors among other applications.



THECHNICAL DATA

Nominal range	-50...250 °C
Accuracy (linearity + hysteresis + repeatability)	0,5% FS
Output signal / supply	2-wire 4...20 mA / 9...30VDC
	3-wire 1...5VDC / 9...30VDC
	3-wire 0,5...4,5VDC / 9...30VDC
	3-wire 0...10VDC / 15...30VDC
	4-wire MODBUS RTU / 12...30VDC
Material	Stainless steel AISI 304
Probe diameter	6, 8, 10, 12 mm
Connection	1/2" Gas, Gas, NPT, PT, M20x1.5, M22x1.5, Tri-
Protection	IP65, IP66, IP67, IP68

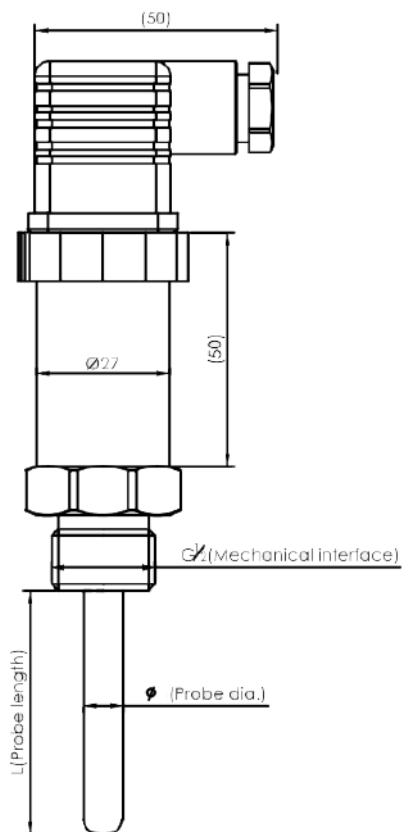
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DIMENSIONS



CONNECTIONS

	2-wire	3-wire	4-wire
+Vcc	1	1	1
OUT	2	3	-
GND	-	2	2
RS485A	-	-	3
RS485B	-	-	

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