

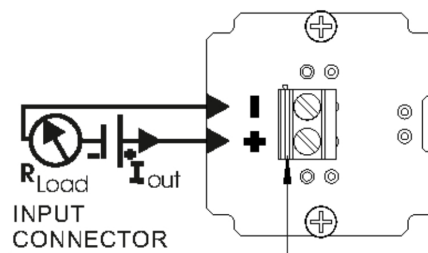
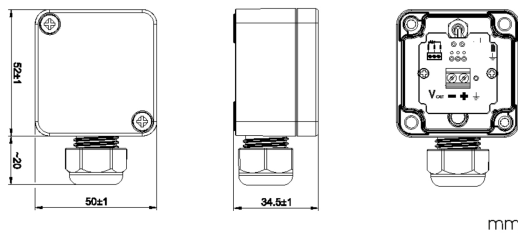
SCATBTT

Rev. 2 - 02/09/2022

WALL PROBE

Temperature probe with plastic junction box and 4÷20 mA output

Room temperature probe with plastic cable junction box. Sensing element is annealed at the bottom of the box. Sensing element position makes this probe particularly suitable for contact measurements.



TECHNICAL SPECIFICATION

Power supply	10 ÷ 28 Vcc (polarity protected)
Accuracy (*) (*) @25°C	≤ ±0.3°C
Response time of electronics section	<50 ms
Temperature influence (*) (*) deviation from 20°C	Maximum value between ±0,3°C/25°C and ±0,3% of span/25°C
Permitted load	636 Ω @ 24 Vdc [RLΩ= (Vsupply - 10) / 0,022]
Sensor failure signalling	upper scale (> 21.0 mA) downscale (< 3.6 mA)
Sensor short circuit signalling	Fixed at lower limit of range (< 3.6 mA)
Effect of power supply	Negligible
Electronic board operating temperature	-40 ÷ 80°C
EMC	In accordance to EN 61326-1:2013 (CE) In accordance to BS EN 61326-1:2013 (UKCA)
Terminal electrical connection	2 pole screw terminal block 5.08mm pitch
International protection marking (*) (*) According to IEC 60529	IP65/67
Connection head / junction box material	PLASTIC
Cable gland dimension	Ø 5 ÷ 10 mm
Sensing element	Pt1000 Ω @ 0°C
Pt1000 sensor accuracy	Class A up to 300°C according to IEC751
Box probe version	with internal sensor
Fixing accessories	wall mounting screws (self-tapping 3.5 for expansion plugs Ø6 mm) NOT SUPPLIED
Factory default	-40 ÷ 80 °C Other configurations on request

ORDER CODES

SCAT#	BP3AMX
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