

Compact temperature transmitter with moulded on connector (IP67) with M12 male thread, 4-20mA output, 1/8" straight gas male thread process connection. Suitable for measurement in fluids up to 100°C.

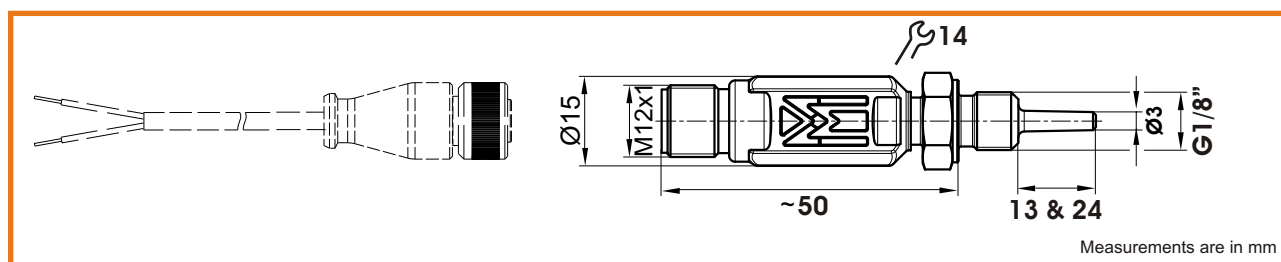
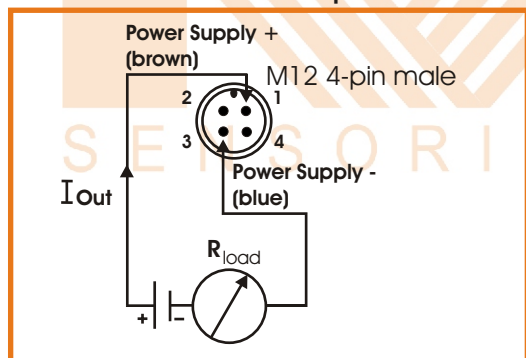
COMPACT EVOMINI

COMPACT TEMPERATURE TRANSMITTER WITH 4-20mA OUTPUT

ISO 9001:2000

EVOMINI

Output connection



TECHNICAL DATA

Body:

Thermoplastic material

Stem dimensions:

Length: 13mm & 24mm

Diameter: Ø3mm

Probe type:

Thermowell AISI 316L

Process connection:

1/8" straight gas male thread in accordance to UNI ISO 228

Connection:

M12x1 male in accordance to VDE0627 (output connection)

Sensor:

RTD Pt1000 class A in accordance to IEC751

Range: -50 ÷ 100°C

Tmax. electronic: 80°C

Sensor break monitoring:

Upscale (>21.0mA) action

Downscale (<3.6mA) action

Sensor short-circuit:

Fixed to Downscale (<3.6 mA) action

Output:

Signal: 4 ÷ 20mA (20 ÷ 4mA on request)

Permissible load: 700Ω @ 24Vdc [RLo = (Vsupply-10)/0,020]

Response time (90%): <50ms

Isolation In - Out:

Non-isolated

Power supply:

10 ÷ 24Vdc (polarity protected)

Environment conditions:

Temperature: -40 ÷ 80°C (for plastic body)

Relative Humidity: 0 ÷ 100%

EMC: in accordance to EN 61326

Degree of protection:

IP65 and IP67 in accordance to IEC60529

Accuracy:

Transmitter: ≤0,3°C

Sensor: class A in accordance to IEC751

Temperature influence (Deviation from 20 °C):

Max. of ±0,3°C / 25°C or ±0,3% of span / 25°C

Supply voltage influence:

Negligible

Available configurations on stock:

0 ÷ 100°C / -50 ÷ 50°C

(other configurations available on request)

Response time:

<3,5 sec (Test in water to IEC751 - time for reaching 63,2% of thermal gap)

CODE TO ORDER:

EVOMINIT #		X	
	1/8" GAS CIL L= 13mm		0 ÷ 100
	1/8" GAS CIL L= 24mm		-50 ÷ 50
			000100
			M50050

Process connection and length L= (mm)

Range (°C)