

Custodia remota da parete 4-20mA, ingresso Pt100 RTD / PRT con cavo da 1 metro. Isolamento del cavo in teflon PFA con intervallo del trasmettitore da -50 a +150 C



TRANSMITTER SPECIFICATION @ 20 °C

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|---------------------------|---|
| INPUT | |
| Sensor Type | PT100 100R @ 0°C 2 or 3 Wire |
| Sensor Range | (-200 to +850) °C (18 to 390) °C |
| Sensor Connection | Screw terminal |
| Minimum span (*1) | 25°C |
| Linearisation | BS EN 60751(IEC 751) standard / IISC 1604 |
| Measurement Accuracy (*2) | 0.2°C ± 0.05% of Reading |
| Thermal Drift | 0.0025 % / °C |
| Excitation current | <200 uA |
| Lead Resistance effect | 0.002 °C / Ohm |
| Maximum lead Resistance | 20 Ohms per leg |

| | |
|---------------------|---|
| OUTPUT | |
| Output | Type 2 wire (4 to 20) mA current loop |
| Output range | (4.0 to 20.0) mA |
| Output Connection | Screw Terminal |
| Maximum output | 21.5mA (in high burnout condition) |
| Minimum output | <3.9 mA (in low burnout condition) |
| Accuracy | (mA output / 2000) or 5 uA (Which ever is the greater) |
| Loop Voltage effect | 0.2 uA / V |
| Thermal drift | 1 uA / °C |
| Maximum output load | [(Vsupply-10)/21]K Ohms (Example: 700 Ohms @ 24V) |

GENERAL SPECIFICATION

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|---------------|--|
| Update time | 500 ms |
| Response Time | 1 second |
| Start up time | 4 seconds (1 out < 4 mA during start up) |
| Warm-up time | 1 minutes to full accuracy |
| Power Supply | (10 to 30) Volts dc |

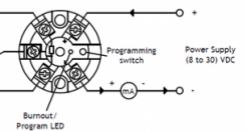
PUSH BUTTON CONFIGURATION

A single push button and LED indicator allows the user to navigate a three menus, allowing configuration of the transmitter. The menus are as follow:-
Menu 1 Configure range.
Menu 2 Configure burnout direction.
Menu 3 Trim output current @ either 4 mA or 20 mA

ENVIRONMENTAL

| | |
|-----------------------------|--------------------------------|
| Ambient operating range | (-40 to +85) °C |
| Ambient storage temperature | (-50 to +90) °C |
| Ambient humidity range | (10 to 90) % RH non condensing |

Note *1 Any span may be selected, full accuracy is only guaranteed for spans greater than the minimum recommended
Note *2 Basic measurement accuracy includes the effects of calibration, linearisation and repeatability



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Alloggiamenti stampati in ABS per uso generale, i punti di fissaggio esterni forniscono un mezzo semplice e rapido per montare i sensori direttamente sui condotti, eliminando la necessit di piastre di montaggio separate.

Indicazioni

Specifications

| | |
|----------------------------|---|
| Product Code | XE-5520-001 |
| General Description | Compatible with Pt100 platinum resistance thermometers |
| Sensor Type | Surface Mounting for remote installtion |
| Cable Length | 1m |
| Core / Strands | 7/0.2mm |
| Cable Termination | Bare Tails |
| Thread | Entry Threads M16 |
| Transmitter | Yes |
| Range | -50°C to +150°C or 0°C to +400°C (either can be re-ranged if desired) |
| Output | 4-20 mA output |