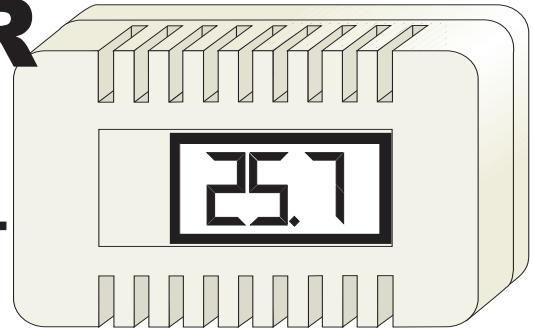




Pt100 - RTD CONVERTER with sensor

Passive 4/20mA OUTPUT

OFFICE BOX



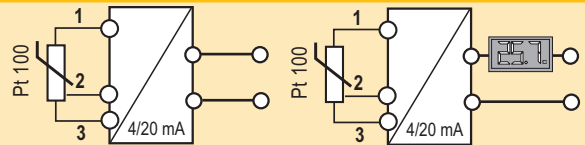
WITH AND WITHOUT INDICATOR



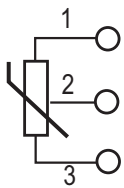
DESCRIPTION

These sensors are used for the reception, transmission 4/20 mA and indication of Ambient temperature in offices, rooms ...

It comes in ABS case with grooves.



PT100 PROBE CHARACT.



- B clasolerance (DIN IEC 751).
- Platinum wires covered with nickel.
- Stratified ceramic type FK.
- T range between 0,3500 and 0,3850 ohm / °K
- 100 ohm. at 0°C.
- Internal temp. disipation of 0,20°K / m.ohm (with wind speed of 1m/s).
- Response time 4,2 seg. with wind speed of 1m/s).

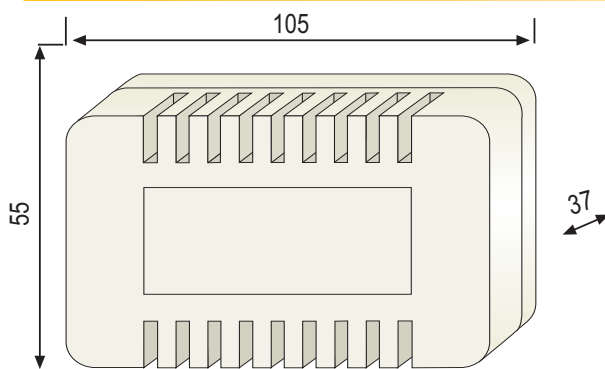
REGULATIONS COMPLIANCE

Electromagnetic Compatibility	2004 / 108 / CE
Low voltage for amb. industrial	2006/95/CEE
Electromagnetic emissions	UNE-EN 50081-2
Electromagnetic immunity	UNE-EN 50082-2
Waste electronics(WEEE)	2002 / 96 / CE

AMBIENTALS

Working temp.	-10 / +60 °C
Storage temp.	-40 / +80 °C
T ^a coefficient	50 ppm / °C
Warm up time	5 min.

DIMENSIONS (mm)

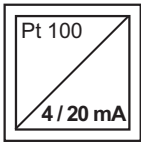


Dimensions	105 x 55 x 37
Color	white - gray
Weight	

MODELS

SUPPLY	4/20mA	4/20mA visor
24VDC loop	PT40i-OFI	PT40i-OFI+SMALL

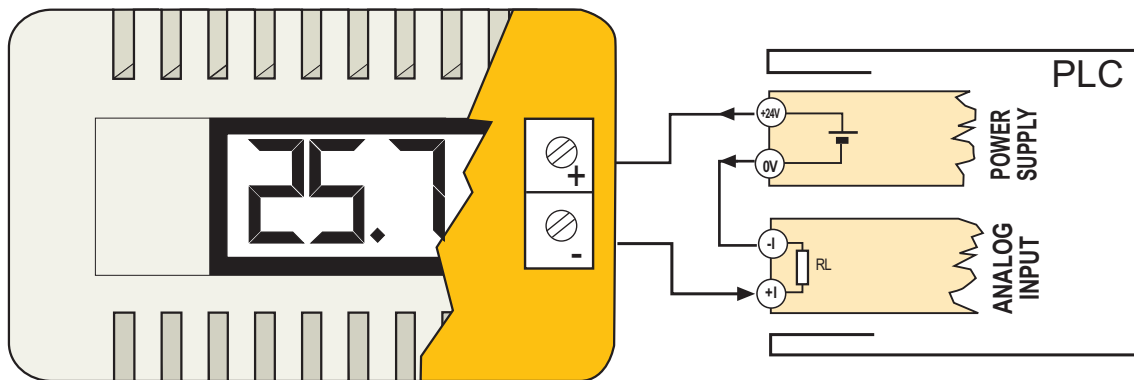
4/20 mA TRANSMISOR CHARACT.



- Self-powered 2-wire transmission technology.
- Reliable transmission over long distances.
- Overall error of 0.1%.
- Load capacity: 600 Ohm - Rind = 425 Ohm.
- Loop supply 18 and 28 VDC (Standard 24 VDC).
- Protection against shortcuts and polarity error in loop.

CONNECTIONS

REFERENCES: KO - Pt 40i
KO - Pt 40i + small



TEMP. INDICATOR



- Without auxiliary power. SELF-SUPPLIED 2 threads.
- Display with resolution of 0,1°C.
- Overall error of 0.1%.
- Max. 3.5 V (R equ = 157 Ohm at 20 mA).
- 3 1/2 LCD Digits (+/- 1.999)
- Digit height 9 mm.