

## **TEMPERATURE PROBES AND TRANSDUCERS** FOR Pt1000 Pt100 WITH 4-20mA OUTPUT

## P0120 - AIR TEMPERATURE PROBE with 4-20mA output for outdoor and indoor use

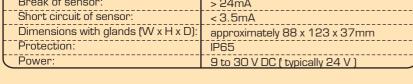
TECHNICAL PARAMETERS	
Measuring and operating temperature range:	-30 to +80°C
Accuracy:	±0.4°C
Break of sensor:	> 24mA
Short circuit of sensor:	< 3.5mA
Dimensions (W x H x D):	approximately 88 x 151 x 37mm
Protection:	IP65
Power:	9 to 30 V DC ( typically 24 V )



## TEMPERATURE TRANSDUCERS from Pt1000 Pt100 sensor to current loop 4-20mA

Transduders are designed for signal conversion from RTD Pt1000 and Pt100 sensor to linearized signal 4 to 20mA. Transducer is built in a robust water tight ABS case with cable glands.

TECHNICAL PARAMETERS	
Operating temperature range:	-30 to +80°C
Break of sensor:	> 24mA
Short circuit of sensor:	< 3.5mA
Dimensions with glands (W x H x D):	approximately 88 x 123 x 37mm
Protection:	IP65
Power:	9 to 30 V DC ( typically 24 V )





**P4141** range 4 to 20mA / -100 to +30°C, accuracy of the input ±0.3°C

**\_P4121** range 4 to 20mA / -30 to +80°C, accuracy of the input ±0.3°C

**\_P4151** range 4 to 20mA / 0 to +35°C, accuracy of the input ±0.2°C

**\_P4131** range 4 to 20mA /0 to  $+150^{\circ}$ C, accuracy of the input  $\pm 0.3^{\circ}$ C

**\_P4161** range 4 to 20mA / 0 to +250°C, accuracy of the input ±0.4°C

**\_P4171** range 4 to 20mA / 0 to +400°C, accuracy of the input ±0.7°C



AVAILABLE MODELS for Pt100 two-wire, three-wire and two-wire with compensation loop connection:

**P6181** range 4 to 20mA / -100 to +200°C, accuracy of the input ±0.3°C up to +100°C, ±0,4°C over +100°C

Transducers P41x1 are directly compatible with Comet temperature probes with the Pt1000 sensor with no connector-probe marking followed by /O.

Included is calibration certificate from the manufacturer Comet.

Warranty: 2 years