

# TEMPERATURE PROBES AND TRANSDUCERS FOR Pt1000 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 145 x 36mm
Protection:	IP65
Power:	9 to 30 V DC ( typically 24 V )



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

Transducers are designed for signal conversion from RTD Pt1000-3850ppm/°C sensor to linearized signal 4 to 20mA. Transducer is built in a robust watertight ABS case with cable glands.

### AVAILABLE MODELS:

- 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°C, accuracy of the input ±0.3°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

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 118 x 36mm
Protection:	IP65
Power:	9 to 30 V DC ( typically 24 V )

Transducers 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