

Air pressure sensors

The air pressure sensor is linked to the pressure system by means of the rapid-action coupling provided. The sensor is contained within a stainless steel casing and is connected to the MSR 12 via cable.

P2500-4 AIR

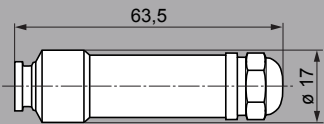
Sensor type:	MS5534A
Measured parameters:	Pressure / temperature
Measurement range:	0-2500 mbar absolute -10 °C to 60 °C
Resolution:	1 mbar 1 °C
Accuracy:	±2.5 mbar max. (at 750-1100 mbar absolute) ±1 °C (at 20 °C)
Item number:	B10130

P14K-3 AIR

Sensor type:	MS5535A
Measured parameters:	Pressure / temperature
Measurement range:	0-14 000 mbar absolute -10 °C to +60 °C
Resolution:	1 mbar 1 °C
Accuracy:	±25 mbar max. (at 0-5 000 mbar, 0 °C to +50 °C) ±160 mbar max. (at 0-14 000 mbar, -10 °C to +60 °C) ±1 °C at 20 °C
Item number:	B10127

General

Medium:	Air
Dimensions:	See drawing
Cable length:	1.6 m
Weight exc. cable:	52 G
Electrical connections:	Plug for MSR 12 (LEMO)
Power supply:	Via MSR 12
Material:	
Sensor housing:	Stainless steel
Operating conditions:	
Temperature:	-10 °C to +60 °C
Humidity:	0-95 % relative humidity, non-condensing
Storage conditions:	
Temperature:	-20 °C to +70 °C
Humidity:	0-95 % relative humidity, non-condensing
Special feature:	Calibration coefficients stored in EEPROM
Required additional module:	PR8 (Item number B10018)



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