

PR NE Series

Industrial pressure sensor

Ref : 402

Rev : E



DESCRIPTION

This type of industrial pressure sensor is specially developed for very low-pressure measurements. It can be used for both static and dynamic measurements.

MESUREX is a sensor manufacturer. We can adapt most sensor to your needs. Please [contact us](#).

MEASURING RANGES

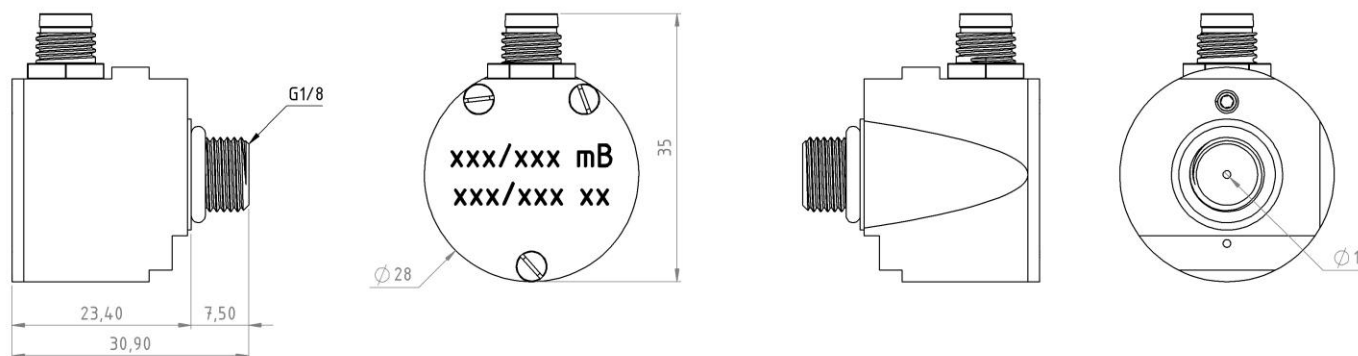
Measurement range	Exit	Offset *	Full scale exit *	Linearity & Hysteresis	Drift of Offset /50°C	Drift of sensitivity /50°C	Anodizing
150 mbar	0... 10V	0.50 V ± 50 mV	10 V ± 50 mV	< 0.2 %FSO	< 1%FSO	< 1%FSO	Blue
70 mbar	0... 10V	0.50 V ± 50 mV	10 V ± 50 mV	< 0.2 %FSO	< 1%FSO	< 1%FSO	Golden
500 mbar	4... 20mA 3 wires	4 mA ± 0.1 mA	20 mA ± 0.1 mA	< 0.2 %FSO	< 1%FSO	< 1%FSO	Orange
150 mbar	4... 20mA 2 wires	4 mA ± 0.1 mA	20 mA ± 0.1 mA	< 0.2 %FSO	< 1%FSO	< 1%FSO	Black
±350 mbar	4... 20mA 2 wires	4 mA ± 0.1 mA	20 mA ± 0.1 mA	< 0.2 %FSO	< 1%FSO	< 1%FSO	White

* values at 20°C

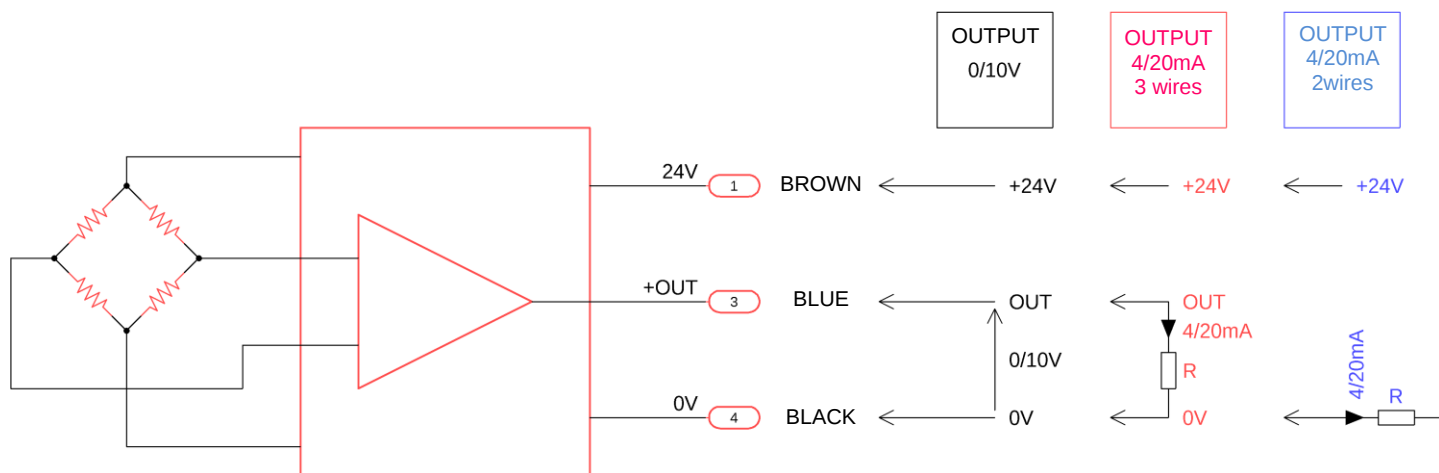
SPECIFICATIONS

PARAMETERS	VALUES	NOTE
Power supply	24 Vdc	Range : 14 to 30 Vdc
Consumption	< 10 mA < 30 mA	For 0/10V output sensor For 4/20mA output sensor
Type	Relative	
Overpressure	2 x FSO	1 bar without destruction
Operating temperature	0°C to 50°C	
Compensation temperature	0°C to 50°C	
Output signal	0.5... 10V or 4... 20mA	4... 20mA: 2 wires or 3 wires
Insulation	> 50MΩ	< 50 Vdc
Exit	M8 3p male connector	
Construction material	Body and cover: AU4G	
Outlet fitting	G 1/8	
O-ring	M12 nitrile	included
Fluid	Dry non-corrosive gas	
Options	Contact us	

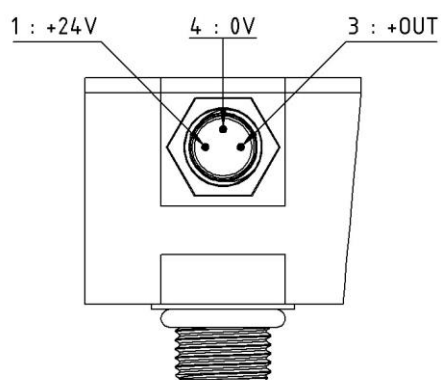
DIMENSIONS



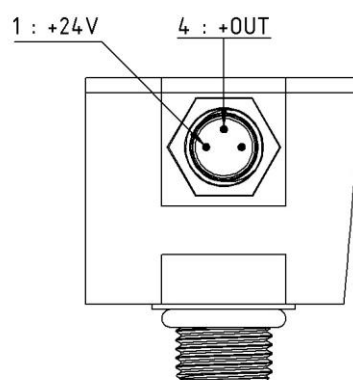
WIRING



CONNECTION



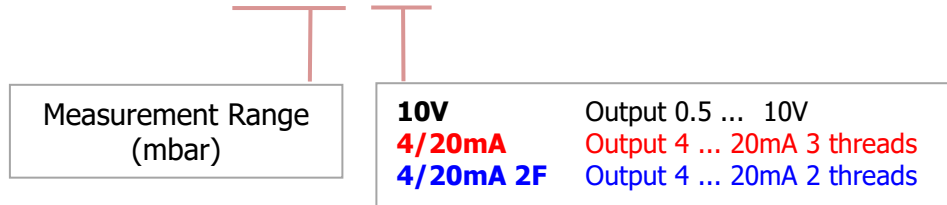
VERSION 0/10V et 4/20mA 3 wires



VERSION 4/20mA 2 wires

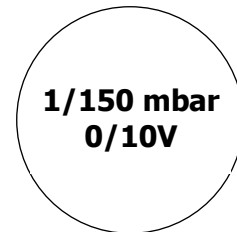
ORDER INFORMATION

PRNE

Example: **PRNE150mB10V**

- Measurement range: 150 mbar
- Output 0.5 - 10V

Engraving on cover:



CONTACT

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