



Measurement technology | METPOINT® PRM

METPOINT® PRM: sensor technology for precision pressure monitoring

Sensor technology from **BEKO TECHNOLOGIES** enables you to accurately measure all relevant parameters at critical control points in your compressed air system. This information is indispensable for operators who want to improve the quality of their compressed air whilst saving energy and costs.

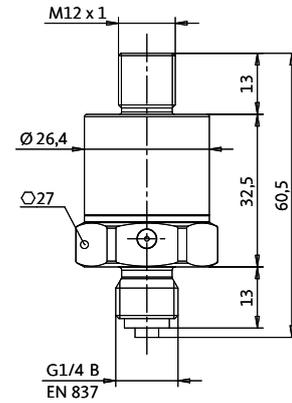
Do you need precision pressure measurements in order to evaluate differential and/or system pressures? Then the METPOINT® PRM pressure sensor provides all you need: excellent accuracy and outstanding reliability protecting your system and ensuring trouble-free production. And there is more: With the METPOINT® PRM, you can optimise the control of your compressors to achieve greater energy efficiency in your processes.

- › **Pressure monitoring**
- › **Precision measurement of differential and system pressures for reliable monitoring**
- › **Stainless steel thin film technology for excellent accuracy (error rate < 0.5%)**
- › **Rugged construction**
- › **Designed for integration into various systems**



The METPOINT® PRM sensor measures the relative (gauge) pressures of gaseous and liquid media and converts them into linear output signals. The precision method is based on stainless steel thin film technology. Thanks to its sturdy design and high bursting pressure, this operating pressure monitoring device can be integrated into virtually any system.

Technical data of pressure transducer	
Measuring range	0 ... 16 bar [gauge] or 0 ... 25 bar [gauge] or 0 ... 60 bar [gauge]
Accuracy	< 0.5 %
Type PRM SP21/SP61 output signal	4 ... 20 mA, analog, 2-wire
Type PRM SP22/SP62 output signal	0 ... 10 V, analog, 4-wire or 3-wire
Dielectric strength	500 V AC
Sensor element (with medium contact)	1.4548
Permissible ambient temperature	-25 ... +85 °C
Storage temperature	-40 ... +85 °C
EMC	EN 61326
Process connection	G $\frac{1}{4}$ " B
Weight (without push-on nipple)	105 g
Electrical connection	M12 x1 plug-type connector
Housing	1.4404
Protection class	IP 67 according to EN 60529



All dimensions in mm

METPOINT® pressure transducer	SP11	SP21	SP61
Output signal (analog)	4 ... 20 mA	4 ... 20 mA	4 ... 20 mA
Measuring range	0 ... 16 bar [gauge]	0 ... 25 bar [gauge]	0 ... 60 bar [gauge]
Order no.	4025453	4024284	4024286

Accessories for METPOINT® PRM

For METPOINT® pressure sensor	5 m connecting cable SP21/SP61
Order no.	4025252

For METPOINT® pressure sensor	Copper seal	R $\frac{1}{4}$ " SW27 connecting adapter	NPT $\frac{1}{4}$ " SW27 connecting adapter
Order no.	4025383	4025381	4025382

Do **you** have questions about the best way of processing your compressed air?

We have the answers! We offer efficient solutions for any type of processing chain. Please contact us with your queries. We would be delighted to tell you more about our condensate

treatment, filtration, drying, measuring and process technology, and our comprehensive services.

Visit us at



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