

-1...2500 bar



Your advantages

Type	P
	<ul style="list-style-type: none"> • Suitable for aggressive media • For relative pressure and vacuum • PC interface for direct data transfer

Technical data

Type	P
Pressure ranges	Between 0...500 mbar and between -1...2500 bar
Accuracy (full scale)	0.2 %, 0.5 % or 0.05 %
Adjustment options	
Linearisation	6 point
Tare / Zero	✓
Selectable units	
Pressure	bar, mbar, kPa, MPa, PSI
Features	
Measuring inputs	1 x direct
PC interface (optional)	RS232
Built-in version (optional)	✓
Display	
Display	Multi-functional LCD, 4 digit (0.5 % / 0.2 %), 5 digit (0.05 % / 0.025 %)
Functions	Bargraph, display filter, min / max values
Measuring rate	
Standard	100 ms
Process connection	
Thread	G½
Material	Stainless steel 1.4542
Medium temperature	0...50 °C
For aggressive media	✓

General data	
Type	P
Housing	
Degree of protection	IP65 (front) / IP40
Dimension	86 x 86 mm, T=40 mm H=135 mm
Material	Aluminium
Operating temperature	0...50 °C
Weight	900 g
Power	
Auto-off function	✓
Battery type	2 x 1,5 V AAA
Ext. power	24 VDC
Battery operation	8000 h
Certificate (optional)	
DAkkS certificate	
Works certificate	

Order code						
Type	Accuracy (full scale)					
P	0.5 %			EME8AE	PG	
	0.2 %			EME8AE	B2	
	0.05 %			EME8AE	LD	
Certificate						
Without certificate						0
SIT certificate						Z
Vacuum/Relative						
Relative pressure						R
Vacuum						V
Pressure range	Resolution	0.5 %	0.2 %	0.05 %		
0...500 mbar		1 mbar	0.1 mbar	0.1 mbar		00B5
(-1)/0...1 bar		1 mbar	1 mbar	0.1 mbar		001B
(-1)/0...2.5 bar		1 mbar	1 mbar	0.5 mbar		02B5
(-1)/0...5 bar		1 mbar	1 mbar	0.5 mbar		005B
(-1)/0...10 bar		10 mbar	10 mbar	1 mbar		010B
(-1)/0...20 bar		10 mbar	10 mbar	2 mbar		020B
(-1)/0...40 bar		10 mbar	10 mbar	5 mbar		040B
(-1)/0...60 bar		10 mbar	10 mbar	5 mbar		060B
0...100 bar		100 mbar	100 mbar	10 mbar		100B
0...250 bar		100 mbar	100 mbar	20 mbar		250B
0...350 bar		100 mbar	100 mbar	50 mbar		350B
0...500 bar		100 mbar	100 mbar	50 mbar		500B
0...700 bar		100 mbar	100 mbar	50 mbar		700B
0...1000 bar		1 bar	1 bar	100 mbar		1KB0
0...1500 bar		1 bar	1 bar	200 mbar		1KB5
0...2000 bar		1 bar	1 bar	500 mbar		2KB0
0...2500 bar		1 bar	1 bar			2KB5
Customer-specific measuring range*						XXXX
Interface						
Without						0
RS 232						S
Example order number				EME8AE	PG	0 R 00B5 0

* Further measuring ranges on request.