

-1...2000 bar



Your advantages

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

Technical data

Type	J
Pressure ranges	Between 0...500 mbar and between -1...2000 bar
Accuracy (full scale)	Max. 0.1 %
Adjustment options	
Linearisation	6 points
Tare / Zero	✓
Selectable units	
Pressure	bar, mbar, hPa, kPa, MPa, PSI, mmHg, inHg, cmH ₂ O, mH ₂ O, inH ₂ O, kg/cm ²
Temperature	°C, °F
Features	
Measuring inputs	1 x direct
PC interface	USB (B)
Data memory	
Number of memory	660 000 values (auto)
Recording interval	1 s...10 h
Recording duration	1 min...1000 h
Data sets	Pressure / Temperature
Display	
Display	Multi-functional LCD, 4 digit, with illumination
Functions	Bargraph, display filter, min / max values
Measuring rate	
Standard	100 ms
Process connection	
Thread	G $\frac{1}{2}$
Material	Stainless steel 1.4542
Medium temperature	-10...70 °C
For aggressive media	✓

General data	
Type	J
Housing	
Degree of protection	IP65 (front) / IP40
Dimension	86 x 86 mm, T=40 mm H=135 mm
Material	Aluminium
Operating temperature	-10...70 °C
Weight	900 g
Power	
Auto-off function	✓
Battery type	internal accu
Ext. power	USB
Battery operation	2000 h
Certificate (optional)	
DAkkS certificate	
Works certificate	

Order code						
Type	Accuracy (full scale)					
J	0.2%	EME8AE	JT			
	0.1%	EME8AE	JU			
Certificate						
Without certificate				0		
SIT certificate				Z		
Vacuum/Relative						
Relative pressure					R	
Vacuum					V	
Pressure range		Resolution				
0...100 mbar	0.1 mbar				00B1	
0...250 mbar	0.1 mbar				0B25	
0...500 mbar	0.1 mbar				00B5	
(-1)/0...1 bar	1 mbar				001B	
(-1)/0...2.5 bar	1 mbar				02B5	
(-1)/0...5 bar	1 mbar				005B	
(-1)/0...10 bar	10 mbar				010B	
(-1)/0...20 bar	10 mbar				020B	
(-1)/0...40 bar	10 mbar				040B	
(-1)/0...60 bar	10 mbar				060B	
0...100 bar	100 mbar				100B	
0...250 bar	100 mbar				250B	
0...350 bar	100 mbar				350B	
0...500 bar	100 mbar				500B	
0...700 bar	100 mbar				700B	
0...1000 bar	1 bar				1KB0	
0...1500 bar	1 bar				1KB5	
0...2000 bar	1 bar				2KB0	
Customer-specific measuring range*					XXXX	
Interface						
USB					S	
Example order number		EME8AE	JT	0	R	
					00B1	
						S

* Further measuring ranges on request.