

Typ P



Typ L



Technical data

Accuracy (full scale)	0.5 %	0.1 %	0.05 %
Pressure range	Resolution		
-1...1 bar	1 mbar	1 mbar	0.1 mbar
-1...2.5 bar	1 mbar	1 mbar	0.5 mbar
-1...5 bar	1 mbar	1 mbar	0.5 mbar
-1...10 bar	10 mbar	10 mbar	1 mbar
-1...20 bar	10 mbar	10 mbar	2 mbar
0...50 bar	10 mbar	10 mbar	5 mbar
0...100 bar	100 mbar	100 mbar	10 mbar
0...250 bar	100 mbar	100 mbar	20 mbar
0...350 bar	100 mbar	100 mbar	50 mbar
0...500 bar	100 mbar	100 mbar	50 mbar
0...700 bar	100 mbar	100 mbar	50 mbar
0...1000 bar	1 bar	1 bar	100 mbar
0...1500 bar	1 bar	1 bar	200 mbar
0...2000 bar	1 bar	1 bar	500 mbar
0...2500 bar	1 bar	1 bar	

Technical data

Accuracy (full scale)	0.05 %	0.025 %	0.01 %
Pressure range	Resolution		
-1...2 bar	0.1 mbar		
-1...20 bar	1 mbar	1 mbar	1 mbar
0...200 bar	10 mbar	10 mbar	10 mbar
0...400 bar	50 mbar	50 mbar	50 mbar
0...1000 bar	100 mbar	100 mbar	100 mbar

Functions		
Type	P	L
Adjustment options		
Linearisation	6 points	
Tare / Zero	✓	✓
Selectable units		
Pressure	bar, mbar, kPa, MPa, PSI	bar, mbar, hPa, kPa, MPa, PSI, mmHg, inHg, cmH ₂ O, mH ₂ O, inH ₂ O, ftH ₂ O, Kp/cm ²
Features		
Measuring inputs	1 x direct	1 x direct
PC connection	RS232 (optional)	RS-485
Analogue output	0(4)...20mA / 0...10 V (optional)	
Relay output	2 x 24 VDC/1A (optional)	
Built-in version	✓ (optional)	
Explosion protection		Ex II 2G Ex ia II C T6
Data memory		
Number of memories		
Recording interval		
Recording duration		
Data sets		
Display / Representation		
Multi-functional LCD	4 digit (0,5 % / 0,1 %), 5 digit (0,05 %)	5 digit
Bargraph	✓	
Illumination		
Display filter	✓	
Min/max value	✓	✓
Measuring rate		
Standard	100 msec.	500 msec.
Peak / Fast		
Process connection		
Connection options	G½	G¼
Material	1.4542	1.4435
Medium temperature	0...50 °C	0...50 °C
For aggressive media	✓	✓
Housing		
Degree of protection	IP65 (front) / IP40	IP65 (front) / IP54
Dimension	80 x 80 mm T=50 mm H=130 mm	Ø 80 mm T=40 mm H=120 mm
Material	Aluminium	ABS plastic
Operating temperature	0...50 °C	0...50 °C
Weight	900 g	210 g
Power		
Auto-off function	✓	✓
Battery type	2x 1,5 V AAA	1x 3 VCR
Ext. power	24 VDC	
Battery operation	8000 h	2000 h