

Type E2, D2



Technical data

Accuracy (full scale)	E2 0.5 %	D2 0.1 %
Pressure range	Resolution	
-1...3 bar	1 mbar	
-1...40 bar	10 mbar	10 mbar
-1...60 bar	10 mbar	10 mbar
0...400 bar	100 mbar	100 mbar
0...700 bar	100 mbar	100 mbar
0...1000 bar	100 mbar	100 mbar

Type R



Technical data

Accuracy (full scale)	0.2 %
Pressure range	Resolution
-1...1 bar	1 mbar
-1...2.5 bar	1 mbar
-1...5 bar	1 mbar
-1...10 bar	10 mbar
-1...20 bar	10 mbar
-1...40 bar	10 mbar
-1...60 bar	10 mbar
0...100 bar	100 mbar
0...250 bar	100 mbar
0...350 bar	100 mbar
0...500 bar	100 mbar
0...700 bar	100 mbar
0...1000 bar	1 bar
0...1500 bar	1 bar
0...2000 bar	1 bar

Functions		
Type	E2 / D2	R
Adjustment options		
Linearisation		6 points
Tare / Zero	✓	✓
Selectable units		
Pressure	bar, mbar, kPa, MPa, PSI, kg/cm ²	bar
Temperature		°C
Features		
Measuring inputs	1 x direct	1 x direct
PC connection		RS232 (optional)
Analogue output		
Relay output		
Built-in version		
Explosion protection		
Data memory		
Number of memories		60.000 values (auto)
Recording interval		1 sec...10 h
Recording duration		1 min...1000 h
Data sets		Pressure / Temperature
Display / Representation		
Multi-functional LCD	4 ½ digit	4 digit
Bargraph	✓	
Illumination	✓	
Display filter	✓	✓
Min / max value	✓	✓
Measuring rate		
Standard	10 msec.	100 msec.
Peak / Fast	10 msec.	8 msec.
Process connection		
Connection options	G¼	G½
Material	1.4404	1.4542
Medium temperature	-20...80 °C	-10...70 °C
For aggressive media	✓	✓
Housing		
Degree of protection	IP67 (front) / IP67	IP65 (front) / IP40
Dimension	Ø 80 mm T=30 mm H=100 mm	Ø 85 mm T=30 mm H=30 mm
Material	Zinc casting	Aluminium
Operating temperature	0...50 °C	-10...70 °C
Weight	540 g	450 g
Power		
Auto-off function	✓	✓
Battery type	2x 1.5 V AA	2x 1.5 V AAA
Ext. power		
Battery operation	1500 h	8000 h