

Bourdon Tube Pressure Gauges with Contact for Chemical Engineering Operation NS 160, case with Bayonet-lock

Application	For use with gases, liquids, low viscosity measuring mediums, under aggressive ambient conditions up to 60°C. With liquid filling for measuring points subject to vibrations and high dynamic pressure loads, no formation of condensation.
Pressure ranges	1.6 bar to 1000 bar
Range of application	For static pressure 100%, for dynamic pressure 90% of full scale
Accuracy	Cl. 1.0 DIN 16005 or EN 837-1
Ambient temperature	-20 ... 60°C
Execution	DIN 16064 or EN 837-1
Movement	CrNi-stainless steel
Dial	DIN 16109, 16128 EN 837-1 for graduation marking and layout see D0.305.1
Pointer	Aluminium, black DIN 16099
Window	Multi-layer-safety glass
Case	Stainless steel blow out hole at rear, prepared for filling with dampening liquid
Protection	IP 65 (EN 60529 / IEC 529)



Selection Chart

Ordering example: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / 8 1 1 1 33 / 075 / 5012 ¹⁾ / ...									
Type	Standard with liquid filled case Paraffin	↑	↑	↑	↑	↑	↑	↑	↑
Nominal size	NS 100 160								
Case	Stainless steel 1.4301, bright drawn 8								
Structural shape	Direct mounting, without flange 1 Wall mounting, 3 brackets 3 Panel mounting B 4								
Connection	Bottom 1 Lower back 3								
Scale	Standard 1								
Meas. elem.	Stainless steel 1.4571 (E) 33								
Range									
		Order num.	Range bar	Meas. elem.	Order num.	Range bar	Meas. elem.		
		035	0 ... 1.6 ⁶⁾	E	505	-1.0 ... 0.6 ⁶⁾	E		
		045	0 ... 2.5	E	515	-1.0 ... 1.5	E		
		055	0 ... 4	E	525	-1 ... 3	E		
		065	0 ... 6	E	535	-1 ... 5	E		
		075	0 ... 10	E	545	-1 ... 9	E		
		085	0 ... 16	E	555	-1 ... 15	E		
		095	0 ... 25	E					
		105	0 ... 40	E					
		115	0 ... 60	E					
		125	0 ... 100	E					
		145	0 ... 250	E					
		155	0 ... 400	E					
		165	0 ... 600	E					
		175	0 ... 1000 ⁶⁾	E					
Contact version									
Slow action contact ³⁾	Magnetic spring contact	Inductive contact	Inductive contact with Safety sensors «SN»	Electric Connection					

Notes: ¹⁾ Ordering code for contact function, see also data sheet
²⁾ Ordering code for electric connection, see also date

Separators see separate catalogue

Bourdon Tube Pressure Gauges with Contact for Chemical Engineering Operation NS 100, case with Bayonet-lock

Dimensions

