

All stainless steel pressure gauge

Model 5008

According EN 837-1
 Nominal size 63 mm
 Accuracy: Class 1,6

Features

- Rugged stainless steel construction
- Socket and case welded
- Protection IP65
- Overload protection 130 %
- Dry or liquid filled

Ranges

-1 ... 0 bar up to 0 ... 400 bar
 -30 in. Hg ... 0 psi up to 0 ... 6000 psi

Applications

Chemical and petrochemical industry
 Machine and apparatus construction
 Food and beverage industry
 Pulp and paper industry



Technical specification	5008
Dial size in mm	63
Construction	Open front cylindrical case with fill plug and vent valve on top
Ring design	Crimped ring
Measuring principle	Bourdon tube
Range in bar	1 1,6 2,5 4 6 10 16 25 40 60 100 160 250 400 -1/0 -1/0,6 -1/1,5 -1/3 -1/5 -1/9
Overpressure limit	130 % F.S., short time
Pressure type	Gauge, vacuum and compound
Process connection	G 1/4 B male according EN 837 1/8 or 1/4 NPT male according ANSI/ASME B1.20.1
Connection location	Lower, center back
Material	
Pressure connection	Stainless steel 316L (1.4404)
Tube	Stainless steel 316L (1.4404)
Case/bayonet ring	Stainless steel 304 (1.4301), optional 316L (1.4404)
Window	Instrument glass, optional laminated safety glass or acrylic glass
Dial	Aluminum, black markings on white background
Pointer	Plastic with aluminum bushing, black
Movement	Stainless steel 304 (1.4301)
Accuracy	Class 1,6 (1,6 % F.S.)
Permissible	
Ambient temperature	-25 ... 60 °C
Medium temperature	Max. 200 °C (dry), max. 100 °C (liquid filled)
Storage temperature	-40 ... 60 °C
Temperature effect	Max. 0,3 % / 10 K
Protection according EN 60 529/IEC 529	IP65
Filling liquid	Glycerin or silicone
Mounting	Standard stem, optional flush, U-clamp or surface
Weight dry/filled in kg	0,2/0,3
Accessories, options	Diaphragm seals, valves

