

Micrometre pressure gauge, radial bottom, G 1/2, 0-0.6 bar, Ø 160 - Riegler 102564

Item no. RGL-102564

Manufacturer Riegler

EAN 4047322020985

Micrometre pressure gauge, radial bottom, G 1/2, 0-0.6 bar, Ø 160

TECHNICAL DATA

Country of Manufacture	Germany
Diameter [mm]	160
Housing material	CrNi steel 1.4301
Material	CrNi steel 1.4301
Measuring range max. [bar]	0,6
Pneumatic connection	G1/2 AG
Thread	G 1/2 AG
Weight	1.498 kg
Zolltarifnummer	90262040



DESCRIPTION

Micrometre pressure gauge, Connection radial bottom, G 1/2, Goods class 0.6, Measurement range 0-0.6 bar, Ø 160 Bourdon-tube pressure gauge for precision measurements. Suitable for gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise.

TECHNICAL DATA

Thread	G 1/2 ET
Connection position	radial on bottom
Diameter	160 mm
WIKA type	312.20
Accuracy class	0.6
Housing	CrNi steel 1.4301
Min. medium temperature	-20 °C
Max. medium temperature	80 °C
Min. ambient temperature	-20 °C
Max. ambient temperature	60 °C
Measuring element	copper alloy
Movement	copper alloy

Front glass	instrument glass
Bezel	CrNi steel
Measuring range min. bar	0 bar
Measuring range max. bar	0.6 bar
Scale graduation in the bar area	0.005 bar
Lower / Upper range limit	Positive pressure

STANDARDS AND ORIGIN

- Customs tariff number: 90262040
- Country of origin: DE

ABOUT PRECISION PRESSURE GAUGES

Micrometre pressure gauges are Bourdon tube instruments built for precision readings where a standard gauge resolves too coarsely. All 34 versions in this group use a 160 mm case and a G 1/2 male thread, with measuring ranges up to 400 bar. That makes them the reference instrument on test benches and in maintenance work.

WHAT MATTERS WHEN CHOOSING

- Max. measuring range: the group covers 0 to 400 bar. Pick the full scale value so that the normal working pressure sits near mid scale, which is where a Bourdon tube gauge reads most accurately.
- Diameter: 160 mm throughout. Check the space available in the panel cut-out or gauge board before ordering.
- Thread: every unit has G 1/2 male. If the measuring point differs, adapt it with a pressure gauge fitting.
- Housing: CrNi steel 1.4301 or CrNi steel 304 depending on the version. In damp or chemically loaded ambient air the material stated for the individual article decides.
- Medium temperature: from -20 °C up to 60 to 80 °C depending on version. Hotter media have to be cooled down ahead of the instrument.

TYPICAL APPLICATIONS

- Test and setting stations that need a finer reading than a standard gauge provides.
- Check measurements on pressure reducers and control valves during maintenance.
- Monitoring of compressed air networks and regulator outlets in the low bar range.
- Hydraulic test set-ups up to 400 bar.
- Fixed gauge boards where the pointer has to stay readable from several metres away.

Cases are made of CrNi steel 1.4301 or CrNi steel 304, production takes place in Germany and Poland. According to the catalogue data the gauges suit gaseous and liquid media that are neither highly viscous nor crystallising and do not attack copper alloys.