

Capsule pressure gauge, rear centric, G 1/2, 0 - 40 mbar, Ø 63 - Riegler 199308

Item no. RGL-199308

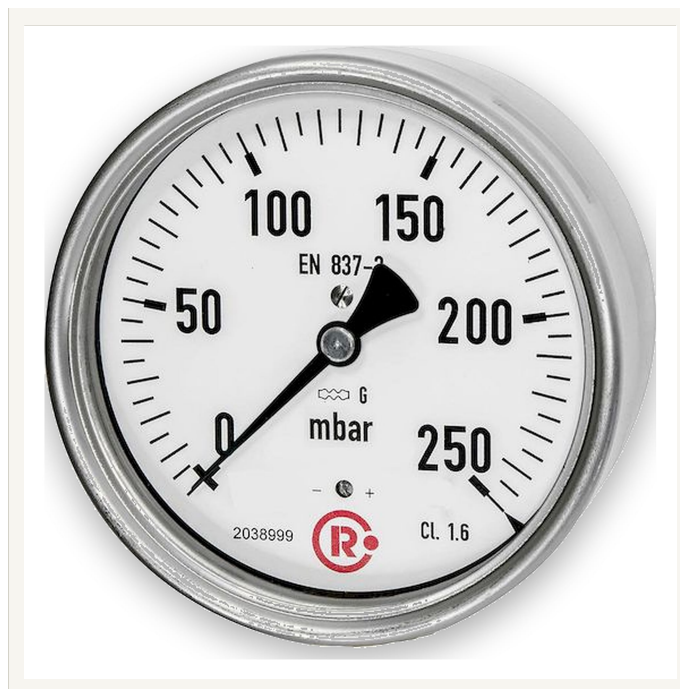
Manufacturer Riegler

EAN 4047322699655

Capsule pressure gauge, rear centric, G 1/2, 0 - 40 mbar, Ø 63

TECHNICAL DATA

Country of Manufacture	Germany
Diameter [mm]	100
Housing material	CrNi steel 304
Material	CrNi steel 304
Pneumatic connection	G1/2 AG
Thread	G 1/2 AG
Weight	0.489 kg
Zolltarifnummer	90262040



DESCRIPTION

Capsule pressure gauge, Housing CrNi steel, Connection, rear, centric, G 1/2, Goods class 1.6, Measurement range 0-40 mbar, Ø100 With zero correction.

TECHNICAL DATA

Thread	G 1/2 ET
Connection position	rear, central
Diameter	100 mm
Accuracy class	1.6
Housing	CrNi steel 304
Max. medium temperature	60 °C
Min. ambient temperature	-20 °C
Max. ambient temperature	60 °C
Measuring element	copper alloy
Movement	brass
Front glass	instrument glass
Lower / Upper range limit	Positive pressure
Scale graduation in the mbar area	1 mbar

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Measuring range min. mbar

0

Measuring range max. mbar

40

STANDARDS AND ORIGIN

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

ABOUT CAPSULE-TYPE PRESSURE GAUGES

Capsule pressure gauges read low pressures in the millibar range, where a bourdon tube gauge is too coarse. The sensing element is a pressure capsule that deflects at very small pressure differences. Gauges in this group come in 63 to 100 mm nominal sizes with G 1/4 ET or G 1/2 ET connections.

WHAT MATTERS WHEN CHOOSING

- The measuring range comes first. It is quoted per article and should be picked so the normal working value sits around mid scale.
- Nominal size of 63 mm or 100 mm follows reading distance and available space. The larger dial allows a finer scale division.
- Case options are steel, CrNi steel 304 and CrNi steel 1.4301. The CrNi versions are the ones for damp surroundings, cleaning agents or outdoor mounting.
- The connection is G 1/4 ET or G 1/2 ET and has to match the measuring point. Connection position is stated per article.
- Medium temperature starts at -20 °C, with the upper limit between 60 and 100 °C depending on version.

TYPICAL APPLICATIONS

- Monitoring of ventilation and extraction systems in the low pressure range
- Pressure indication on blowers and fans
- Gas and burner lines running at millibar level
- Test rigs where small pressures have to be read reliably
- Vessel and process monitoring in process engineering with slight positive pressures

Cases are steel, CrNi steel 304 or CrNi steel 1.4301, with production in Switzerland and Germany. The group holds 88 articles in the 63 and 100 mm nominal sizes.