Magnetic piston pressure gauges MAG100Dif

Part no. 88020312

Magnetic piston pressure gauge for differential pressure - high overload protection

benefits

- compact and robust stainless steel measuring system
- max. static pressure PN 100, 250, 400
- Leak-proof due to mechanical separation of pressure chamber and display
- various connection types
- easy retrofitting of electrical contacts without intervention in the measuring system

Application

For differential pressure measurements at very high static pressures. For gaseous and liquid, non-adhesive media that are not highly viscous. Particularly suitable for monitoring filters, pumps, pipe systems and cooling circuits.

Technical Specifications

Type
MAG100Dif D312

Nominal size
100

accuracy
± 3 % of full scale value
(at increasing differential pressure)

ranges (EN 837-3/5)
see ordering table

maximum static pressure
100 bar

Overpressure safety
up to the maximum static pressure at both ends

Operating temperature range
Medium: max. 80 °C
Ambient: 0/80 °C

Degree of protection
IP 65 (EN 60529)

standard version

Connection (wetted part)
Stainless steel 316, on left and right sides, opposite each other

Connection cover
plastic, glass-fibre reinforced, black

Measuring element (wetted part)
Compression spring, Stainless steel 301

Magnetic piston (wetted part)
Stainless steel 316/strontium ferrite

Seal (wetted part)
NBR (Perbunan)

Dial
Aluminium, white
dual scale (bar/psi)
Scaling: black/red
scale angle: 90 °

Pointer
Aluminium, black

Housing
Stainless steel 304, with rubber sealing ring at the front

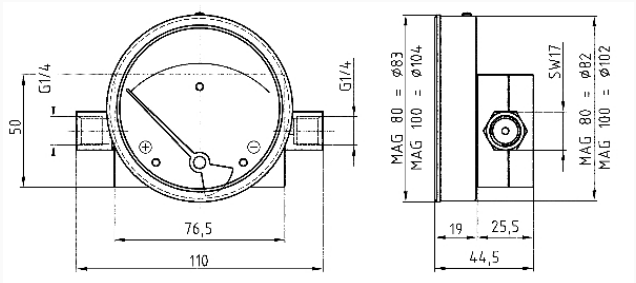
window
Instrument glass

Options

- Mounting plate with fixing clamp
- 3-hole fixing, panel mounting bezel
- max. static pressure PN 250/400
- other connection threads
- other connection designs
- Window acrylic glass
- Bourdon tube pressure gauge with inductive contact
- Filter in "plus" connection
- Glycerine filling
- Maximum pointer
- special scales

Technical Drawings

Lateral connection, right and left



Dimensions (mm)

Versions

	Type	housing ⌀	Housing	accuracy class	Connection	Ausrichtung	Range	Type	Type		Part no.
	MA-G100Dif D312	100 mm	Stainless steel 304		2 x G¼ female thread		0/6 bar	MA-G100Dif	D312	●	88020312

● in-stock items

● Non-stock items