

Magnetic diaphragm pressure gauges for very low differential pressure



Benefits

- Differential pressure ranges starting at 0/2.5 mbar
- Switching contacts can be retrofitted
- IP 65 degree of protection for pressure gauge and switching con-
- Side or back connection
- Delivery includes adapter for hose connection and brackets for control panel mounting

Application

For differential pressure measurement at very low differential pressure. Specially for gaseous media. Particularly suitable for monitoring filters and fans in air supply, air conditioning and clean room applications.

Technical specifications

Type

MAG115Dif D311

Nominal size

115

Accuracy

± 3 % of full scale value

(at increasing differential pressure)

Ranges (EN 837-3/5)

See ordering table

Standard version

Connection (wetted part)

Plastic, glass-fibre reinforced, left and right sides, opposing or back (use enclosed blind plugs)

Measuring element (wetted part)

NBR (Perbunan) Diaphragm: Compression spring: Stainless steel 301 Transmission unit: Stainless steel 316

Magnet (wetted part)

Strontium ferrite

Seal (wetted part) NBR (Perbunan)

Maximum static pressure

Ambient:

Overpressure safety

Up to the maximum static pressure at both ends

Operating temperature range Max. 60 °C Medium: 0/60 °C

Degree of protection

IP 65 (EN 60529)

Dial

Aluminium, white

Scaling black

Scale angle 90° (first graduation mark after zero point at 15 % of

full scale value)

Pointer

Aluminium, black

Housing

Stainless steel 304, with rubber sealing ring at the front

Window

Instrument glass



1/3 www.afriso.com

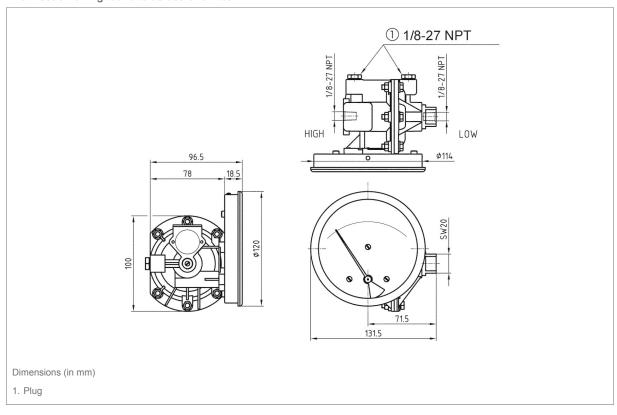


Options

- Mounting plate with fixing clamp
- Window acrylic glass
- Electrical contacts (Reed contacts)
- Special scales

Detail views

Connection on right and left sides or on rear

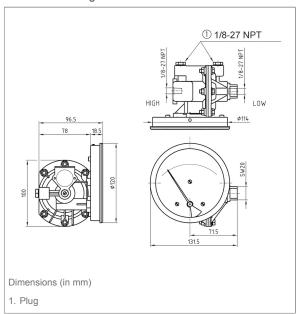






Technical drawings

Connection on right and left sides or on rear



Versions

MAG115Dif D311

	Housing Ø	Housing	Connection	Range	Туре	Part no.
	115 mm	Stainless steel 304	2 x 1/4"NPT Innengewinde, 2 x hose connection 5 mm	0/2.5 mbar	MAG115Dif D311	88002311
	115 mm	Stainless steel 304	2 x 1/8"NPT Innengewinde, 2 x hose connection 5 mm	0/4 mbar	MAG115Dif D311	88003311
	115 mm	Stainless steel 304	2 x 1/4"NPT Innengewinde, 2 x hose connection 5 mm	0/6 mbar	MAG115Dif D311	88004311
	115 mm	Stainless steel 304	2 x 1/4"NPT Innengewinde, 2 x hose connection 5 mm	0/10 mbar	MAG115Dif D311	88005311
	115 mm	Stainless steel 304	2 x 1/4"NPT Innengewinde, 2 x hose connection 5 mm	0/16 mbar	MAG115Dif D311	88006311
	115 mm	Stainless steel 304	2 x 1/4"NPT Innengewinde, 2 x hose connection 5 mm	0/25 mbar	MAG115Dif D311	88007311
	115 mm	Stainless steel 304	2 x 1/4"NPT Innengewinde, 2 x hose connection 5 mm	0/40 mbar	MAG115Dif D311	88008311
	115 mm	Stainless steel 304	2 x 1/4"NPT Innengewinde, 2 x hose connection 5 mm	0/60 mbar	MAG115Dif D311	88009311
	115 mm	Stainless steel 304	2 x 1/4"NPT Innengewinde, 2 x hose connection 5 mm	0/100 mbar	MAG115Dif D311	88010311
	Plus part no = in stock item					

Blue part no. = in-stock items

