

Low differential pressure gauge

Model D211

Nominal size 100 (4")
ASME B40.100 / EN 837 / IS-3624
Accuracy: 2%

Features

- Fast Response
- Suitable for low pressure air and gas
- Ease of use during measurement
- Positive, negative and differential pressure indication

Ranges

0 ... 6 mmWC to 0 ... 500 mmWC

Applications

Pharmaceutical and clean room
Fan and blower vacuum monitoring
HVAC and ducts pressure measurement



Technical specification	D211
Dial size in mm	100
Construction	Cylindrical case
Measuring principle	Diaphragm and magnetic helix movement
Range in mmWC	6 10 25 50 100 250 500
Max. static pressure	1 bar
Pressure type	Differential pressure
Process connection	1/8" NPT Female (Back & Side)
Zero adjustment	From front
Material	
Wetted parts	Body material, spring, screw, magnet
Hosing and Bezel	Die cast aluminum
Diaphragm	Silicon
Support plate	Stainless steel
Non wetted part	
Window	Acrylic glass
Dial	Aluminum, black markings on white background
Pointer	Aluminum pointer with red tip
Accuracy	2% for range ≥ 25mmwc 4% for range < 25mmwc
Permissible	
Ambient temperature	0 ... 60 °C (32 ... 140 °F)
Medium temperature	Max. 60 °C (Max 140 °F)
Storage temperature	0 ... 60 °C (32 ... 140 °F)
Effect	Max. 0,3 % / 10 K
Protection according	IP67
Mounting	Direct, for other option please consult factory
Weight in kg	0.56
Accessories, options	On request, consult factory

Order information

Size	Type	Range	Engineering units	Options
(100) 100 mm	D211	0/ 6 0/ 10 0/ 25 0/ 50 0/ 100 0/ 250 0/ 500	mmWC Pascal and others ranges available	(NH) Tagging wired

Order example

Size	Type	Range	Engineering unit	Options
100	D211	0/250	MMWC	NH

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