

# 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 $\geq 25$ mmwc<br>4% for range $< 25$ mmwc |
| 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)<br>100 mm | D211 | 0/ 6<br>0/ 10<br>0/ 25<br>0/ 50<br>0/ 100<br>0/ 250<br>0/ 500 | mmWC<br><br>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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