Bourdon tube pressure gauges
Model 213.41, mining version

Applications
- For mining equipment and plants (hydraulic roadway support)
- Application with dynamic loads, load cycles, pressure spikes, vibrations

Special features
- Long service life and high indication accuracy
- Stable pointer position
- Robust design (forged brass case)
- No formation of condensation
- Dust protection

Description
Nominal size in mm
50

Accuracy class
2.5

Scale range
0 ... 600 bar

Pressure limitation
Steady: 3/4 x full scale value
Fluctuating: 2/3 x full scale value
Short time: full scale value

Operating temperature
Ambient: +10 ... +60 °C
Medium: +60 °C maximum

Temperature effect
When the temperature of the measuring system deviates from the reference temperature (+20 °C):
max. ±0.4 %/10 K of the span
Standard version

Process connection
Cu-alloy, lower mount (LM)
Plug connection per DIN 20043, DN 10

Pressure element
Stainless steel, brazed

Movement
Cu-alloy, wear parts argentan

Dial
Cu-alloy, white, with pointer stop pin, black lettering

Pointer
Cu-alloy, black

Case
Forged brass

Window
Plexiglass

Bezel ring
Crimp ring, glossy finish stainless steel

Filling liquid
Glycerine 99.7 %

Options
- Other process connection
- Case lacquered to customer requirements
- Dial: Special scales, inscriptions, special lacquer, coated with luminous paint
- Pointer: Special lacquer, coated with luminous paint

Dimensions in mm

<table>
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<tr>
<th>NS</th>
<th>Dimensions in mm</th>
<th>Weight in kg</th>
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<tbody>
<tr>
<td></td>
<td>a</td>
<td>b</td>
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<tr>
<td>50</td>
<td>20.5</td>
<td>31</td>
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Ordering information

Model / Nominal size / Scale range / Connection size / Options

The specifications given in this document represent the state of engineering at the time of publishing. We reserve the right to make modifications to the specifications and materials.