

Bourdon tube pressure gauges Model 213.41, mining version

WIKA data sheet PM 01.12

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



Bourdon tube pressure gauge model 213.41

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. $\pm 0.4\%$ /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

Plastic, black

Case

Forged brass

Window

Plexiglass

Bezel ring

Crimp ring, glossy finish stainless steel

Filling liquid

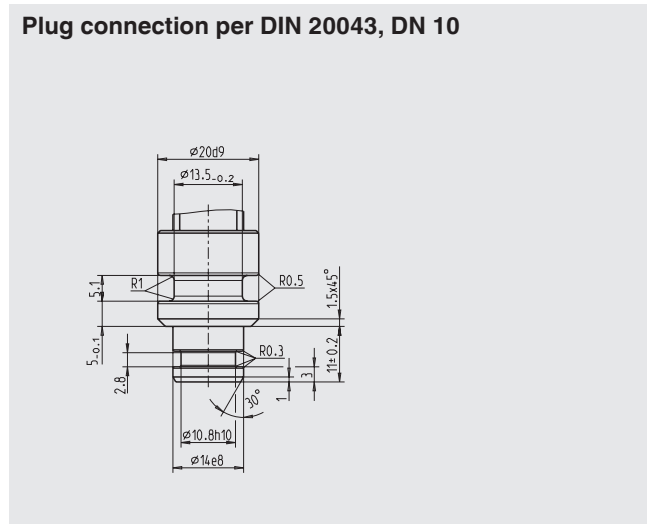
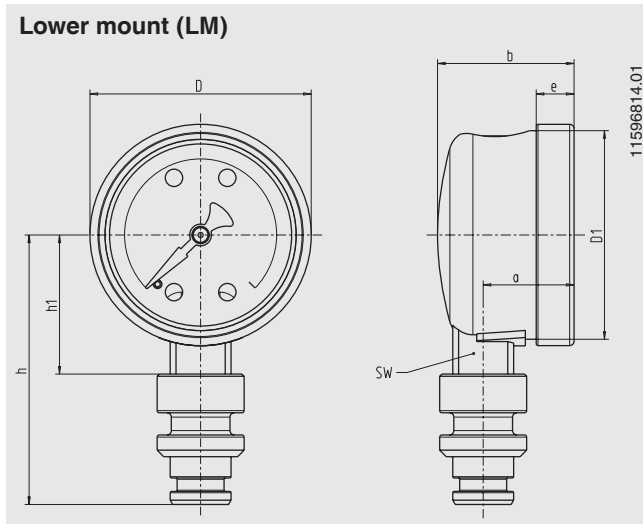
Glycerine 99.7 %

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

Standard version



NS	Dimensions in mm								Weight in kg
	a	b	D	D1	$h \pm 1$	e	SW		
50	20.5	31	51	48	32	9	14	0.21	

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.



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