

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. $\pm 0.4 \text{ } \%/10 \text{ K}$ 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

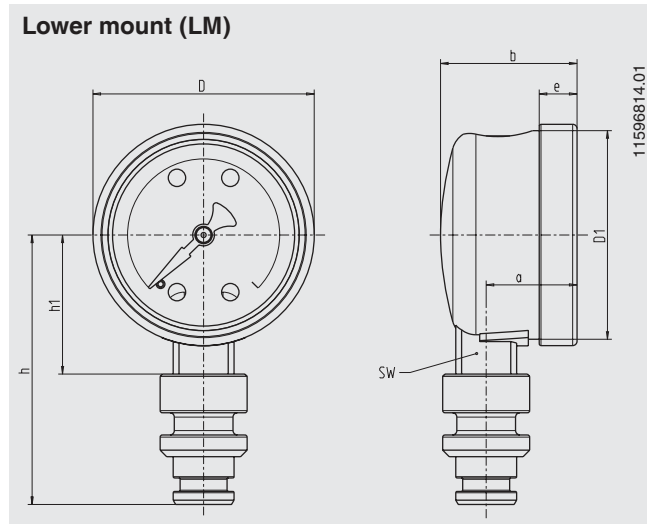
Glycerine 99.7 %

Options

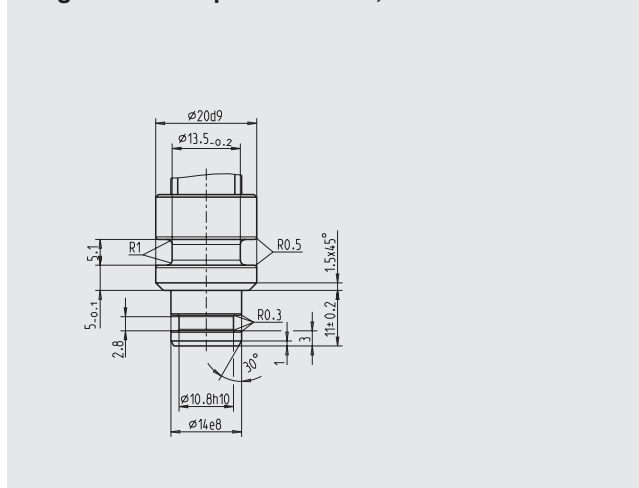
- Other process connection
- Case lacquered to customer requirements
- Dial: Special scales, inscriptions, special lacquer, coated with luminous paint
- Pointer: Special lacquer, coated with luminous paint

Dimensions in mm

Standard version



Plug connection per DIN 20043, DN 10



NS	Dimensions in mm				$h \pm 1$	e	SW	Weight in kg
	a	b	D	D1				
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.



WIKAL Alexander Wiegand SE & Co. KG
 Alexander-Wiegand-Straße 30
 63911 Klingenberg/Germany
 Tel. (+49) 9372/132-0
 Fax (+49) 9372/132-406
 E-mail info@wika.de
www.wika.de