Bourdon Tube Pressure Gauge Model 111.11, Radial Pressure Entry Welding Gauges to EN 562

Applications

- Pressure gauges for uses in welding, cutting and related processes

Special Features

- Design EN 562
- Pressure vent in case back
- Integrated burst energy relieve pin for high safety
- Relieable and economical

Bourdon Tube Pressure Gauge Model 111.11

Description

Design
EN 562

Nominal size
40, 50, 63

Accuracy class
2.5

Scale ranges
0 ... 1 to 0 ... 400 bar or other equivalent units of pressure or vacuum for use with oxygen or acetylene.

Working pressure

Steady:	¾ of full scale range
Fluctuating:	⅔ of full scale range
Short time:	full scale range

Operating Temperature

Ambient:	-40 ... +60 °C
Medium:	+60 °C maximum

Temperature effect
When temperature of the pressure element deviates from reference temperature (+20 °C):
Max. ±0.4 %/10 K of the span.

Pressure connection
Material: Cu-alloy
Lower mount (LM) per EN 837-1 /7.3

NS 40	G ⅛ B, SW 14 with restrictor
NS 50, 63	G ¼ B, SW 14 with restrictor

Pressure element

Material:	Cu-alloy acetylene gauges max. 70% copper
≤ 60 bar:	C-type
> 60 bar:	helical type

Movement
Cu-alloy

Dial
White plastic, with pointer stop pin

Pointer
Black plastic

Case
Brass lacquered steel case with pressure vent in case back

Window
Polycarbonate snap-fit window

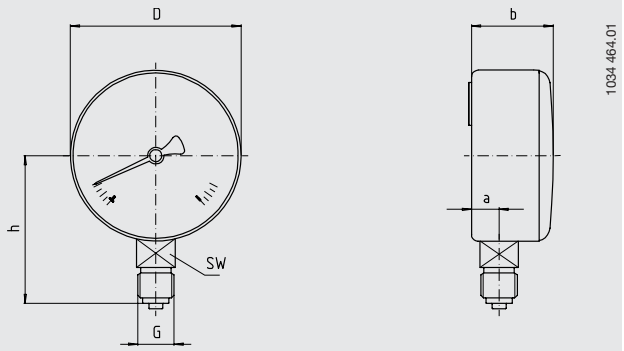
Options

- Case brass or stainless steel
- Slip-on bezel
- Centre back connection

Dimensions

Standard version

Radial pressure entry



NS	Dimensions in mm						Weight in kg
	a	b	D	G	h ± 1	SW	
40	9.6	26	39	G⅛ B	36	14	0.09
50	9.6	28	49	G ¼ B	45	14	0.11
63	9.6	29	62	G ¼ B	53.5	14	0.15

Standard pressure entry with parallel thread and sealing to EN 837-1 / 7.3

Ordering information
Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required

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