

Bourdon Tube Pressure Gauge RChG 100 – 3

ARMANO**Overrange protected with special scale****T01-000-028**

Application

Pressure gauge with overrange protection for liquid and gaseous media that are not highly viscous, do not tend to polymerise and do not corrode stainless steel.

(For further details, cf. data sheet 1201)

Standard Versions

Accuracy (DIN EN 837-1)

Class 1.0

For pressure ranges up to full scale value
(not for overpressure ranges)

Case

With bayonet ring, stainless steel 304 (1.4301)

Degree of Protection (DIN EN 60529 / IEC 60529)

IP65

Blow-out Device

Blow-out plug in the back of the case, Ø 40 mm (1.57")

Case Ventilation

Model RChG 100 without ventilation, but with internal pressure compensation via pressure equalising membrane

Case Filling

Glycerin

Nominal Case Size

100 mm (4")

Wetted Parts

Connection stainless steel 316L (1.4404)
Bourdon tube stainless steel 316L (1.4404)
gas-shielded arc welding
≥ 60 bar helical form
≤ 40 bar c-form

Case Configuration

Connection screwed
Position of the connection bottom connection

Process Connection

G ½ B or ½" NPT

Window

Laminated safety glass

Movement

Stainless steel

Dial

Aluminum white, scale black

Pointer

Aluminum black

Safety Category According to DIN EN 837-1

S1 pressure measuring instruments with blow-out device



Special Scale with Overpressure Range

The value in the overpressure range indicates the maximum overpressure according to the following table:

Overpressure range in bar	Compound range in bar	Max. overload capability in bar
0 – 0.6		3
0 – 1		4
0 – 1.6	-1 / +0.6	6
0 – 2.5	-1 / +1.5	10
0 – 4	-1 / +3	16
0 – 6	-1 / +5	25
0 – 10	-1 / +9	40
0 – 16	-1 / +15	45
0 – 25		75
0 – 40		80
0 – 60		110
0 – 100		200
0 – 160		320
0 – 250		500
0 – 400		800

Further Options

- Coloured fields or ranges, dial inscriptions
- Without case filling
- NCS 160 (6")
- Safety version S3 (data sheet 1600)
- Lower back connection

Special Versions Upon Request

Other pressure ranges