

CC 4

bourdon tube pressure gauges

stainless steel case with liquid filling option

CASE DIAMETER

50mm (2"), 63mm (2 1/2"),
80mm (3"), & 100mm (4") dial

ACCURACY CLASS PER EN 837-3/6

1,6

SCALE RANGES PER EN 837-3/5

0...0,6 to 0...700 bar
or equivalent other units of pressure
or vacuum

WORKING PRESSURE

Steady: 3/4 of full scale value
Fluctuating: 2/3 of full scale value
Short time: 1,3 x full scale

OPERATING TEMPERATURE

Ambient: - 20 to + 60 °C
Process fluid: max 60 °C for ranges
100 bar
Process fluid: max 120 °C for ranges
≤ 100 bar

STANDARD FEATURES

PROCESS CONNECTION

Material: brass
Thread size: 1/2" BSP or NPT - M;
bottom or back

PRESSURE ELEMENT

Bourdon tube
100 bar: phosphor bronze, C-type
≤ 100 bar: stainless steel AISI 316,
helical-type

MEASURING SYSTEM

Bourdon tube and socket are tin
alloy-welded/brazed;
one integral unit

MOVEMENT

Brass

DIAL

Aluminium with black markings on
white background Single Scale.
Aluminium with black/red dual scale
markings on white background,
Scale arc 270°

POINTER

Black aluminium

CASE AND RING

Material: stainless steel AISI 304
Style: crimped ring
Protection class:
IP 65- EN 60 529 / IEC 529

BLOW OUT HOLE

63mm dial Top side,
100mm dial Rear side.

WINDOW

Non splintering clear, PMMA plastic

LIQUID FILLING

Glycerine

MOUNTING

Stem mounting
Wall mounting with back flange
Panel mounting with front flange

OPTIONAL EXTRAS

Accuracy class 1
Customer dial layout
Dry but fillable execution
Other process connections

HOW TO ORDER

Specify: dial size, model, range, size of
connection, connection location,
mounting and optionals

