

BOURDON TUBE PRESSURE GAUGES (LIQUID FILLED) CODE 5207-□□□□□

STAINLESS
STEEL CASE

STAINLESS
STEEL RING

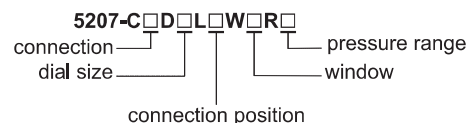
BRASS BOURDON
TUBE

BRASS
CONNECTION

CRIMP
RING



5207-C4D3L2W1R14



- Stainless steel case, stainless steel ring, brass connection, brass bourdon tube
- Used for hydraulic and pneumatic systems, compressors, compressed air system, shock-proof and pulse-proof
- Suitable for fluid medium which does not clog connection port or corrode brass

Process connection

C1	G1/8 (Ø40mm, Ø50mm, Ø63mm)
C2	R1/8 (Ø40mm, Ø50mm, Ø63mm)
C3	NPT1/8 (Ø40mm, Ø50mm, Ø63mm)
C4	G1/4 (Ø40mm, Ø50mm, Ø63mm, Ø100mm)
C5	R1/4 (Ø40mm, Ø50mm, Ø63mm, Ø100mm)
C6	NPT1/4 (Ø40mm, Ø50mm, Ø63mm, Ø100mm)
C7	G3/8 (Ø100mm)
C8	R3/8 (Ø100mm)
C9	NPT3/8 (Ø100mm)
C10	G1/2 (Ø100mm)
C11	R1/2 (Ø100mm)
C12	NPT1/2 (Ø100mm)

Dial size

D1	Ø40mm (1.5")
D2	Ø50mm (2")
D3	Ø63mm (2.5")
D4	Ø100mm (4")

Connection position

L1	bottom
L2	back
L3	back connection with front flange
L4	bottom connection with back flange

Window

W1	polycarbonate
W2	tempered glass

Code example:

5207-C4D3L2W1R14	C4-connection thread G1/4
	D3-dial size Ø63mm
	L2-back connection position
	W1-polycarbonate material window
R14-pressure range (0~16bar/0~230psi)	

SPECIFICATION

Accuracy class	CL 2.5 for 40mm (1.5"), 50mm (2"); CL 1.6 for 63mm (2.5"), 100mm (4")
Liquid	silicone
Ambient temperature	-20°C~60°C (-4°F~140°F)
Medium temperature	≤60°C (140°F)

Pressure range

R1	(-1~0bar/-30~0inHg)
R2	(-1~2bar/-30~0inHg~30psi)
R3	(-1~4bar/-30~0inHg~60psi)
R4	(-1~7bar/-30~0inHg~100psi)
R5	(0~1bar/0~15psi)
R6	(0~1.4bar/0~20psi)
R7	(0~2bar/0~30psi)
R8	(0~2.5bar/0~35psi)
R9	(0~4bar/0~60psi)
R10	(0~7bar/0~100psi)
R11	(0~10bar/0~150psi)
R12	(0~11bar/0~160psi)
R13	(0~14bar/0~200psi)
R14	(0~16bar/0~230psi)
R15	(0~20bar/0~300psi)

R16	(0~25bar/0~350psi)
R17	(0~40bar/0~600psi)
R18	(0~55bar/0~800psi)
R19	(0~60bar/0~850psi)
R20	(0~70bar/0~1000psi)
R21	(0~100bar/0~1500psi)
R22	(0~140bar/0~2000psi)
R23	(0~160bar/0~2300psi)
R24	(0~200bar/0~3000psi)
R25	(0~250bar/0~3500psi)
R26	(0~280bar/0~4000psi)
R27	(0~350bar/0~5000psi)
R28	(0~400bar/0~6000psi)
R29	(0~600bar/0~9000psi)
R30	(0~700bar/0~10000psi)