

GENERAL CHARACTERISTICS

For all applications where it is necessary to monitor or perform pressure measurements in industrial plants.

Rugged construction and vibrations resistant for corrosive environments, sensing element bourdon tube. Process connections radial or axial.

- **Stainless steel enclosure.**
- Aluminium dial.
- Bourdon tube measuring element made of copper alloy.
- Degree of protection IP65



PRESSURE RANGES

Tab.1

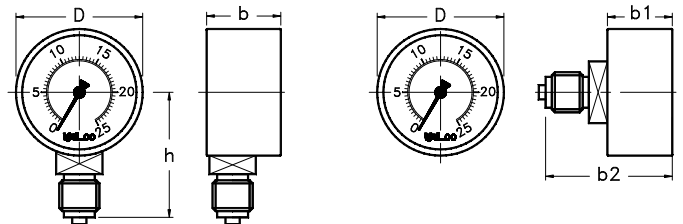
Measuring range Bar	Code	Ø mm.				
		40	50	63	80	100
-1 - 0	V001-0	=	=	↑	↑	↑
-1 - 1,5	V001-5	=	=	↑	↑	↑
-1 - 3	V003-0	=	=	↑	↑	↑
-1 - 5	V005-0	=	=	↑	↑	↑
-1 - 9	V009-0	=	=	↑	↑	↑
-1 - 15	V015-0	=	=	↑	↑	↑
0 - 1	0001-0	↑	↑	↑	↑	↑
0 - 1,6	0001-6	↑	↑	↑	↑	↑
0 - 2,5	0002-5	↑	↑	↑	↑	↑
0 - 4	0004-0	↑	↑	↑	↑	↑
0 - 6	0006-0	↑	↑	↑	↑	↑
0 - 10	0010-0	↑	↑	↑	↑	↑
0 - 12	0012-0	↑	↑	↑	↑	↑
0 - 16	0016-0	↑	↑	↑	↑	↑
0 - 25	0025-0	↑	↑	↑	↑	↑
0 - 40	0040-0	↑	↑	↑	↑	↑
0 - 60	0060-0	↑	↑	↑	↑	↑
0 - 100	0100-0	↑	↑	↑	↑	↑
0 - 160	0160-0	↑	↑	↑	↑	↑
0 - 250	0250-0	↑	↑	↑	↑	↑
0 - 315	0315-0	↑	↑	↑	↑	↑
0 - 400	0400-0	↑	↑	↑	↑	↑
0 - 600	0600-0	=	=	↑	↑	↑
0 - 1000	1000-0	=	=	↑	↑	↑

Dual scale on request: bar / psi

TECHNICAL DATA

Tab.2

Description		Code	
Measuring element	Bourdon tube	Copper alloy	BG
		S.S. AISI-316	BS
Dial	Dry scale	Single scale	D1
		Dual scale	D2
	glycerin-silicon filled	Single scale	G1
		Dual scale	G2
Housing	Stainless steel	IP65 Protection	-
Window	Polycarbonate		
Working temperature	-20 / +80 °C	BG	080
	-40 / +140 °C	BS	140
Accuracy	Standard 2,5%		25
	On request 1,6%		16



Ø	Dimensions [mm]					Weight [g]
	h	b	b1	b2	D	
40	40	24	24	42	42	140
50	45	26	26	46	51	160
63	50	26	26	45	63	190
80	65	34	34	68	84	400
100	88	48	48	86	114	650

PROCESS CONNECTIONS

Tab.3

Dimensions			Male thread		Type	
06	08	15	G	N	R	A
1/8"	1/4"	1/2"	UNI 228/1	NPT	Radial	Axial
Ø 40	Ø 40 – 63 – 80	Ø 80 – 100		On request		

NOMENCLATURE

MSV	63	0100-0	08GR	BS	G1	140	25	
•								Pressure gauge type
	•							Tab.1 Diameter Ø mm
		•						Tab.1 Measuring range
			•					Tab.3 Process connections dimensions and type
				•				Tab.2 Measuring element and material
					•			Tab.2 Scale - Dial
						•		Tab.2 Max. working temperature
							•	Tab.2 Accuracy

ACCESSORIES

Flange – Bracket - Taps with pressure gauge holder Leaflet VISOBAR pressure gauge accessories Pag.228