

TEST PRESSURE GAUGES TYPE MP

DESIGN FEATURES

DIAL SIZE (DS):	100, 150, 200 mm
ACCURACY:	Class 0,25 (Class 0,6 Ø 100 and ranges from 60 to 400 mbar). According to EN837-1.
CASE AND RING:	AISI 304 st. st., AISI 316 to Ø 100 and 150, with bayonet clutch. Nitrile rubber NBR safety plug.
PRESSURE CONNECTION:	AISI 316 st. st.; thread G1/2" A UNI ISO 228/1.
ELASTIC ELEMENT:	From 60 to 400 mbar Phosphorous bronze bellow – only for gaseous fluids. From 0,6 to 1000 bar seamless tube. From 0,6 to 1000 bar Class 0,6 AISI 316L st.st. seamless tube.
MOVEMENT:	high precision clockwork alloy, pinion and bolt of the sector mounted on bushes in semi precious stone.
POINTER:	Adjustable in black anodized aluminium; knife execution.
WINDOW:	Glass 3 mm thick.
WINDOW GASKET:	Nitrile rubber NBR.
DIAL:	White aluminium; black scale and graduation with anti-parallax mirror ring.



THECNICAL CHARACTERISTICS

OPERATING PRESSURE:	Constant: full scale. Changeable: 90% full scale.
OPERATING TEMPERATURE:	Ambient: 10 ÷ 30 °C. Process fluid: max 60 °C.
OVERPRESSURE:	Up to 60 bar: 25% F.S.V. From 100 bar: 15% F.S.V.
THERMAL DRIFT:	max ±0.05% of span every 10 °C of deviation from the reference temperature of 20 °C.
DEGREE OF PROTECTION:	IP55 according to EN 60529

ORDERING CODE

MP 1 DN63 0/60 12 05

TYPE	MP
MOUNTING	1 - 2 - 3 - 4 - 5
NOMINAL DIAMETER	100 - 150 - 200 - 250
STANDARD RANGE	-1/0; 0/0,6; 0/1; 0/1,6; 0/2,5; 0/4; 0/6; 0/10; 0/16; 0/25; 0/40; 0/60; 0/100; 0/160; 0/250; 0/400; 0/600; 0/1000
PRESSURE CONNECTIONS	12
OPTIONS/ACCESSORIES	01-02-03-04-05-06-07

CODE EXPLANATION

TYPE	MP Test Pressure Gauges
MOUNTING	MP1 Direct, bottom connection. MP2 Wall with 3 holes flange; bottom connection MP3 Direct, back connection MP4 Flush with 3 holes flange; back connection MP5 Flush with U clamp, back connection
NOMINAL DIAMETER	MP 100; 150; 200; 250 mm
STANDARD RANGE	-1/0; 0/0,6; 0/1; 0/1,6; 0/2,5; 0/4; 0/6; 0/10; 0/16; 0/25; 0/40; 0/60; 0/100; 0/160; 0/250; 0/400; 0/600; 0/1000
PRESSURE CONNECTIONS	12 G1/2" A UNI ISO 228/1.
OPTIONS/ACCESSORIES	01 Special scale: Single, doubled, quadruple 02 Class Of Precision 0,6 03 Liquid Filling (class Of Precision 0,6) (ds 100 And 150). 04 Flange Pressure Connection Ø 40 Mm With Clamping Lugs (max 60 Bar). 05 Scale Astuccio Di Custodia. 06 Calibration Certificate Issued By Accredia Lat 07 Atex Execution

DIMENSIONS (mm) M

SCALE PARTICOLARI S ng

D

M

	Ø	A1	B	CH	G	G1	H		
115	5	58	22		18	22	32	105	0,8
195	6	85	22	111	12	17	50	162	1,5
0/0,6	6	58	25	22	18	22	50	150	1,5