

BOURDON STAINLESS STEEL PRESSURE GAUGES TYPE MX-MXG

Type MX - Dry construction stainless steel pressure gauges
Type MXG - Stainless steel glycerine filling gauge

DESIGN FEATURES

NOMINAL DIAMETER (DN):	MX - 63, 80, 100, 150, 200, 250 mm - MXG - 63, 80, 100, 150 mm
ACCURACY:	Class 1. (Class 1,6 Ø 63 – 80) 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 according UNI ISO 228/1
ELASTIC ELEMENT:	AISI 316L st. st. seamless tube – TIG welding to the connection in controlled atmosphere.
MOVEMENT:	Stainless Steel AISI304
POINTER:	Black anodized aluminium; zero adjustment
WINDOW:	Glass 3 mm thick – plastic for MXG
WINDOW GASKET:	Nitrile rubber NBR
DIAL:	White aluminium; black scale and graduation according to EN837-1



TECHNICAL CHARACTERISTICS

OPERATING PRESSURE:	Constant: 75% F.S.V. Changeable: 60% F.S.V.
OPERATING TEMPERATURE:	ambient -30 ÷ 65 °C (MX) 5 ÷ 65 °C (MXG) Process fluid -40 ÷ 180 °C (MX) 5 ÷ 70 °C (MXG)
OVERPRESSURE:	Up to 60 bar. 25% F.S.V. From 100 bar : 15% F.S.V.
THERMAL DRIFT:	<i>Mmax ± 0.3% of span every 10 °C of deviation from the reference temperature of 20 °C.</i>
PROTECTION:	IP55 or IP65 (MXG) according to EN 60529
LIQUID FILLED:	Glycerol 90%
NOTES:	In presence of ammonia, oxygen, nitric acid or other oxidizing products and in general for petrolchemical industry, the use of glycerine (MXG series) is inadvisable.

ORDERING CODE

MXG 1 DN63 0/60 14 05

TYPE	MX - MXG
MOUNTING	1 - 2 - 3 - 4 - 5
NOMINAL DIAMETER	63 – 80 – 100 – 150 – 200 – 250
STANDARD RANGE	-1/0; -1/0,5; -1/0,6; -1/1,5; -1/3; -1/5 -1/0/9; -1/0/15; -1/0/24; 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; 0/1600
PRESSURE CONNECTION	12 - 14
OPTIONS/ACCESSORIES	01-02-03-04-05-06-07 08-09-010-011-012

CODE EXPLANATION

TYPE	MX Dry construction stainless steel pressure gauge MXG Stainless steel glycerine filling gauge
MOUNTING	MX1-MXG1 Direct, bottom connection MX2-MXG2 Wall with 3 holes flange, bottom connection MX3-MXG3 Direct, back connection MX4-MXG4 Panel with 3 holes flange, back connection MX5-MXG5 Panel with U clamp, back connection
NOMINAL DIAMETER	MX 63; 80; 100; 150; 200; 250 mm MXG 63; 80; 100; 150 mm
STANDARD RANGE	Vacuum -1/0; -1/0,5; -1/0,6; -1/1,5; -1/3; -1/5; -1/0/9; -1/0/15; -1/0/24 Pressure 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; 0/1600
PRESSURE CONNECTION	14 G1/4" - Ø63-80 12 G1/2" - Ø100-150-200-250
OPTIONS/ACCESSORIES	01 - Special Scales: Single – Double (bar / Psi – Bar / Kpa) 02 - Special Connections. 03 - Max / Min / Min & Max Dragging Pointers (ds 100-150-200). 04 - Safety Glass. 05 - Silicone Oil Filling (tamb. -30÷80 °c). 06 - Degreasing For Oxygen. 07 - Direct Or Remote Diaphragm Seals. 08 - Electric Or Inductive Contacts (ds 100 – 150). 09 - Dampeners. 010 - Siphons. 011 - Cocks And Valves. 012 - Atex Execution. for accessories refer to technical feasibility

