

BOURDON TUBE PRESSURE GAUGE

HIGHLY DURABLE, FOR APPLICATIONS SUBJECT TO VIBRATIONS, PULSATIONS AND HIGH DYNAMIC PRESSURE LOADS, PROTECTS AGAINST AMBIENT CORROSIVES AND CONDENSATION. SUITABLE FOR GASEOUS AND LIQUID MEDIA WHICH ARE NOT HIGHLY VISCOUS, DO NOT CRYSTALLIZE AND ARE NOT AGGRESSIVE TO COPPER ALLOYS



MG3A-INOX 100

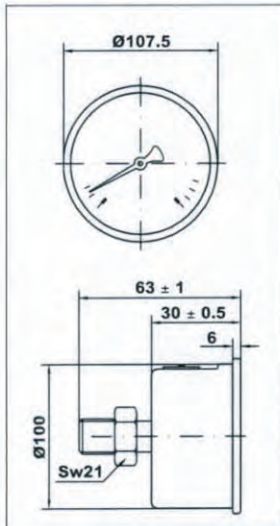
Glycerine Filled Stainless Steel Case DN100 Centre Back Entry

Materials

Case + roll on bezel:	Stainless Steel 1.4301 with blow out/ranges ≤ 16 bar to be vented by cutting the rubber nipple at the top
Window:	Clear plastic
Dial:	White plastic
Pointer:	Black plastic
Pressure connection:	Cu-alloy, 21 mm flats, ≥ 40 bar restrictor 0.5mm
Pressure element:	Bourdon tube Cu-alloy soft soldered ≤ 60 bar C-type, > 60 bar helical type
Movement:	Cu-alloy
Liquid filling:	Glycerine 86.5%

Technical Specifications

Design:	EN 837-1
Working pressure:	Steady: 75 % of full scale value Fluctuating: 60 % of full scale value Short time: full scale value
Operating temperature:	Ambient: $-10 \dots +60$ °C Medium: $+60$ °C maximum Storage: $-10 \dots +60$ °C
Temperature effect:	Deviation from reference temperature ($+20$ °C): $\pm 0,04\%/1K$ of the span
Accuracy class:	cl. 1.6
Degree of protection:	IP 65 per EN 60 529 / IEC 529
Individual Weight:	0.506 kg



Type	Part No.	Pressure Range	Connection	Option	Box/Master	Min.order
MG3A-INOX 100		-76-0 cm Hg			1/12	30
MG3A-INOX 100	PF509916LF	-1/0 bar/in Hg	G1/2B	D+LF*	1/12	1
MG3A-INOX 100		-1/0.6 bar			1/12	30
MG3A-INOX 100	PF5403DL00	-1+1.5 bar/in hg		D*	1/12	30
MG3A-INOX 100		-1+3 bar			1/12	30
MG3A-INOX 100	PF5406DL00	-1+5 bar		D*	1/12	30
MG3A-INOX 100		-1+9 bar			1/12	30
MG3A-INOX 100		-1+15 bar			1/12	30
MG3A-INOX 100	PF540116LF	0-1 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100		0-1.6 bar/psi	G1/2B		1/12	30
MG3A-INOX 100	PF550316LF	0-2.5 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF550416LF	0-4 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF550616LF	0-6 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF551016LF	0-10 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF551216LF	0-12 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF551616LF	0-16 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF552016LF	0-20 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF552516LF	0-25 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF554016LF	0-40 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF564416LF	0-60 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF564816LF	0-100 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF565416LF	0-160 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF566016LF	0-250 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF566216LF	0-315 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF566616LF	0-400 bar/psi	G1/2B	D+LF*	1/12	1
MG3A-INOX 100	PF567016LF	0-600 bar/psi	G1/2B	D+LF*	1/12	1

* D = Dual scale bar/psi

LF = Finmet logo on the dial