GLYCERIN FILLED PRESSURE GAUGES
MODEL GX-IGF

DATA SHEET



GaugeX
PRECISE AND ACCURATE

INDUSTRIAL MODEL



Bottom Entry



Surface Mounting



Panel Back Mounting

Industrial Heavy-Duty Series:-

The GX-IGF Industrial Glycerin-Filled Pressure Gauge is designed for reliable pressure measurement in demanding Industrial environments. Its rugged stainless-steel construction, glycerin-filled case, and vibration- and pulsation-Damping design provides smooth pointer movement, enhanced readability, and long service life.

Available in multiple dial sizes, pressure ranges, connection configurations, and mounting options, the GX-IGF series is Suitable for a wide range of hydraulic, pneumatic, process, chemical, oil & gas, and industrial applications.

Features

- Rugged stainless-steel construction
- Glycerin-filled case for effective vibration and pulsation damping
- Smooth and stable pointer movement
- Overpressure protection up to **130% of full-scale pressure**
- Weatherproof construction, **IP68**
- Long service life
- Dual-scale dial options: **bar / psi / kg/cm²**
- Single-scale dial options: **bar / kg/cm² / MPa / kPa / mmHg**
- Available with direct, surface, and panel mounting
- Multiple process connection and mounting configurations
- Optional high-accuracy version up to **Class 0.5**

Applications

- Hydraulic power packs and presses
- Compressors and pumps
- Boiler and process equipment
- Pneumatic systems
- Chemical and petrochemical plants
- Oil & gas installations
- Water treatment plants
- Process industries
- Pharmaceutical equipment
- Food processing machinery
- General industrial machinery

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Technical Data Sheet:-

Parameter	Specification
Product Name	Glycerin Filled Pressure Gauge
Model	GX-IGF (Industrial Heavy Duty Series)
Dial Size	50 mm / 63 mm / 100 mm / 150 mm / 250 mm
Accuracy	±1% F.S., Optional Class 0.5
Pressure Range	Vacuum, compound to 2000 bar (Custom ranges available)
Measuring Unit	bar, psi, kg/cm², MPa, KPa, mmHG, inchHG
Case	SS 304 Snap Action Type
Bezel	SS 304 Bayonet Type
Window	Toughened / Acrylic Glass
Socket Material	SS 304, SS 316
Bourdon Tube	SS 316, SS 316 L
Movement	SS 304
Pointer	Aluminum, Black Finish/ Center Zero Adj./ Micrometer Zero Adj. Pointer
Dial	White Aluminum with Black Marking
Connection Size	1/8", 1/4" BSP/ NPT, 3/8" BSP, ½" BSP, ½" NPT, M20x1.5
Connection Type	Bottom Entry / Back Entry
Ambient Temperature	-20°C to +60°C
Process Temperature	Maximum 65°C
Calibration & Standard	As per EN 837-1
Over Pressure	130% of Full Scale
Operating Pressure	75% of Full Scale (Continuous)
Scale	Single / Dual Scale
Mounting	Direct / Surface / Panel Mount
Application	Air, Water, Oil, Gas
Warranty	12 Months

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Model De-codification Table:-

Brand	Type	Dial Size	Wetted Parts	Mounting	Process Connection
GX	**IGF**	**100**	**S4**	**BE**	**38BM**
GaugeX	**Industrial Glycerin Filled**	**(50)** 50 mm **(63)** 63 mm **(100)** 100 mm **(150)** 150 mm **(250)** 250 mm	**(S4)** Tube – SS 316, Socket – SS 304 **(S6)** Tube – SS316, Socket – SS 316	**(BE)** Bottom Entry **(BC)** Back Connection **(PB)** Panel Back **(FB)** Flush Bracket **(SB)** Surface Bottom	**(8BM)** 1/8" BSP (Male) **(8NM)** 1/8" NPT (Male) **(4BM)** 1/4" BSP (Male) **(4NM)** 1/4" NPT (Male) **(38BM)**3/8" BSP (Male) **(2BM)** 1/2" BSP (Male)

Example Model Number:-

Model No.	Brand	Type	Dial Size	Wetted Parts	Mounting	Process Connection
GX-IGF-100-S4-BE-38BM	GaugeX	Industrial Glycerin Filled	100 mm	Tube – SS 316, Socket–SS 304	Bottom Entry	3/8” BSP (M)