

FGM6100 ABB Flow Meter Glass Tube Variable Area Flowmeter Purgemaster

Basic Information

- Brand Name:
- Model Number:

ABB FGM6100



Product Specification

Accuracy:	High
Communication Protocol:	HART, PROFIBUS, FOUNDATION Fieldbus
• Fluid:	Gas, Liquid
 Installation Type: 	In-line, Insertion
Material:	Stainless Steel, Alloy Steel, Titanium
 Measuring Principle: 	Differential Pressure
Output Signal:	4-20mA
 Pressure Range: 	0-100Bar
 Process Connection: 	Flange, Thread, Sanitary
Product Name:	ABB Flow Measurement Products
 Product Type: 	Flow Measurement
Range:	Wide
Temperature Range:	0-150
Warranty:	1 Years
 Highlight: 	FGM6100 ABB Flow Meter,

Product Description

Glass tube variable area flowmeter Purgemaster FGM6100

Purgemaster FGM6100 flowmeters are low capacity variable area flowmeters for both liquid and gas with an excellent selection of material and scale lengths in a single product family design. They feature a corrosion resistant, high strength stainless steel body, quick, easy snap-in tube construction and a safety tested operator protection shield.

Overview

Purgemasters are ideal for applications such as the purging of control lines and instrument enclosures. Their use is easily extended into fluid sampling, liquid specific gravity, level measurement and similar services.

Data

General specifications:

- Application
- Clean, low viscosity liquids and gases
- Mounting
- Vertically, in line, wall / surface or back of panel
- Connections
- 1/4 in. NPT or BSPP female, vertical or horizontal
- Flow range
- Water flows: 0.53 to 2200 cm³/min
- Flow turndown
- Typically 10:1
- Operating pressure
- Up to 18 bar (261 lbf/in 2 g)
- Operating temperature
- Up to 120 °C (248 °F)
- Nominal scale length
- $-38, 76, 125 \text{ or } 250 \text{ mm} (1^{1}/2, 3, 5 \text{ and } 10 \text{ in.})$
- Accuracy
- Class 1.6 to Class 10, depending on tube diameter and float type
- Alarms
- Proximity sensors, up to 2 off
- Tube material
- Glass
- End connections
- Brass or 316 stainless steel
- Float material
- Glass, Sapphire, Carboly, Tantalum, Stainless steel

Inner training, pre-shipment training, onsite commissioning, onsite training—Focus on detail and complete





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