R.K. Instruments & Controls

TECHNICAL DATASHEET

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Honeywell Elster BK-G10M Diaphragm Gas Meter G10

Brand: Honeywell Elster | Code/Part No.: 84056569 | Category: GAS FLOW METERS

Specifications



Model	**BK-G10M**
Size and Capacity	**G10 · Qmax 16 m³/h**
Connection Size	**1¼" (BS746)**
Nominal Flow Rate (Qnom)	**10 m³/h**
Maximum Flow Rate (Qmax)	**16 m³/h**
Minimum Flow Rate (Qmin)	**0.1 m³/h**
Accuracy Class	**1.5**
Cyclic Volume	**6 litres (dm³)**
Maximum Operating Pressure	**0.5 bar (500 mbar)**
Ambient / Measuring Temperature Range	**-25°C to +55°C**
Operating Gas Temperature Range	**-25°C to +40°C**
Applicable Media	**Natural Gas, LPG, and other manufactured non-corrosive gases**
Measuring Principle	**Pneumatic control, synthetic diaphragm chambers**
Connection Format	**Available in two-pipe or co-axial configurations**
Housing & Construction	**Folded sheet-steel outer casing**
Pulse Value	**1 imp. = 0.01 m³**
Part No.	**84056569**
Manufacturer	**Honeywell Elster**

Description

The Honeywell Elster BK-G10M is a G10-size diaphragm gas meter rated for a nominal flow of 10 m³/h and a maximum flow of 16 m³/h (minimum flow 0.1 m³/h), with a physical cyclic volume of 6 litres and accuracy class 1.5. It operates on a pneumatic control principle, moving a synthetic diaphragm to track gas flow while ensuring quiet operation and long-term stability, and is available in two-pipe or co-axial connection configurations with a robust folded sheet-steel outer casing. Rated to a maximum operating pressure of 0.5 bar (500 mbar), with an ambient/measuring temperature range of -25°C to +55°C and an operating gas temperature range of -25°C to +40°C, it is suitable for natural gas, LPG, and other manufactured non-corrosive gases, with a pulse value of 1 imp. = 0.01 m³. Manufactured by Honeywell Elster.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.