R.K. Instruments & Controls

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Honeywell Elster BK-G6M Diaphragm Gas Meter G6

Brand: Honeywell Elster | Code/Part No.: BK-G6M | Category: GAS FLOW METERS

Specifications



Model	**BK-G6M**
Size and Capacity	**G6 · Qmax 10 m³/h**
Connection Size	**1" (BS ISO7)**
Minimum Flow Rate (Qmin)	**0.06 m³/h**
Transitional Flow Rate (Qt)	**0.6 m³/h**
Maximum Flow Rate (Qmax)	**10 m³/h**
Cyclic Volume	**2 litres (standard) or 4 litres (variant)**
Maximum Operating Pressure	**0.5 bar (50 kPa)**
Standard Temperature Range	**-10°C to +40°C**
Extended / Gas Temperature Range	**-25°C to +55°C**
Applicable Media	**Natural Gas, PNG, LPG, Propane, Butane, Town Gas, Air, inert**
Measuring Mechanism	**Four measuring chambers separated by synthetic, stadium-shaped diaphragms**
Housing Variants	**Co-axial (one-pipe) or two-pipe versions, in pressed steel or aluminium**
Temperature Compensation (BK-G6T variant)	**Mechanical bimetallic element adjusts diaphragm stroke based on current gas**
Pulse Output	**Optional Low Frequency (LF) pulse transmitter (0.1 m³/pulse) for remote**
Part No.	**41811586**
Approvals	**EN 1359 and MID certified by PTB**
Manufacturer	**Honeywell Elster**

Description

The Honeywell Elster BK-G6M is a G6-size diaphragm gas meter rated for a minimum flow of 0.06 m³/h, transitional flow of 0.6 m³/h and maximum flow of 10 m³/h, with a cyclic volume of 2 litres as standard (4 litres on the variant). It uses four measuring chambers separated by synthetic, stadium-shaped diaphragms with a pneumatic control mechanism, and is available in co-axial (one-pipe) or two-pipe housing versions built in pressed steel or aluminium. The BK-G6T variant adds mechanical bimetallic temperature compensation to adjust the diaphragm stroke for the current gas temperature. Rated to a maximum operating pressure of 0.5 bar (50 kPa), with a standard temperature range of -10°C to +40°C (extended gas temperature range -25°C to +55°C), it can optionally carry a Low Frequency (LF) pulse transmitter (0.1 m³/pulse) for remote reading and is EN 1359 and MID certified by PTB. Manufactured by Honeywell Elster.

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