R.K. Instruments & Controls

TECHNICAL DATASHEET

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Honeywell Elster BK-G1.6 Diaphragm Gas Meter

Brand: Honeywell Elster | Code/Part No.: BK-G1.6 | Category: GAS FLOW METERS

Specifications

Model	**BK-G1.6**
Size and Capacity	**G1.6 · Qmax 2.5 m³/h**
Connection Size	**DN20 (¾" BSP)**
Minimum Flow Rate (Qmin)	**0.016 m³/h**
Maximum Flow Rate (Qmax)	**2.5 m³/h**
Cyclic Volume	**1.2 litres**
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	**Compact diaphragm meter for domestic / residential installations**
Pulse Output	**1 pulse / 0.01 m³ (low frequency)**
Approvals	**EN 1359:1998+A1:2006, MID Module DE-07-MI002-PTB001**
Manufacturer	**Honeywell Elster**



Description

The Honeywell Elster BK-G1.6 is a compact G1.6-size diaphragm gas meter for domestic and light commercial installations, rated for a minimum flow of 0.016 m³/h and maximum flow of 2.5 m³/h, with a cyclic volume of 1.2 litres. It uses the same four-chamber pneumatic diaphragm measuring principle as the rest of the BK-G range, fitted with a DN20 (¾" BSP) connection, and carries a low-frequency pulse output of 1 pulse per 0.01 m³. 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). EN 1359 and MID certified (module DE-07-MI002-PTB001). Manufactured by Honeywell Elster.

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