R.K. Instruments & Controls

TECHNICAL DATASHEET

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Honeywell Kromschröder GIK 25R02-5 Air/Gas Ratio Regulator

Brand: Honeywell Kromschröder | Code/Part No.: 02166134 | Category: RATIO REGULATORS

Specifications

Model	**GIK 25R02-5**
Type	**Air/Gas Ratio Control (Continuous Control, Bypass Group 2)**
Part No.	**02166134**
Connection Size	**DN 25, Rp 1 (internal thread)**
Transmission Ratio	**1:1 (1:10 turndown)**
Maximum Inlet Pressure	**200 mbar**
Control (Load) Pressure Range	**0.5 to 120 mbar**
Outlet (Gas) Pressure Range	**0.2 to 119 mbar**
Maximum Differential Pressure	**100 mbar**
Gas Types	**Natural gas, town gas, LPG (gaseous) & biogas (max. 0.02% by vol. H■S)**
Materials	**Aluminium-silicon alloy housing, NBR diaphragms & seals, brass bypass**
Ambient Temperature	**–20°C to +60°C (storage –20°C to +40°C)**
Weight	**1.1 kg**
Approvals	**EU certified — (EU) 2016/426 (GAR), EN 88-1:2011+A1:2016**
Manufacturer	**Honeywell Kromschröder (Elster GmbH, Osnabrück, Germany)**



Description

The Honeywell Kromschröder GIK 25R02-5 (Part No. 02166134) is an air/gas ratio control that maintains a constant 1:1 gas/air pressure ratio (1:10 turndown) upstream of gas burners in systems without preheated combustion air. Sized for DN 25 / Rp 1 connections, it is rated for a maximum inlet pressure of 200 mbar, a control (load) pressure range of 0.5 to 120 mbar, an outlet (gas) pressure range of 0.2 to 119 mbar, and a maximum differential pressure of 100 mbar. Suitable for natural gas, town gas, LPG (gaseous) and biogas (max. 0.02% by volume H■S), it features an aluminium-silicon alloy housing with NBR diaphragms and seals, a brass bypass screw, and an outlet pressure test point, rated for –20°C to +60°C ambient operation. EU certified to (EU) 2016/426 (GAR) and EN 88-1:2011+A1:2016. Manufactured by Honeywell Kromschröder (Elster GmbH, Osnabrück, Germany).

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