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# Honeywell Kromschröder GIK 40R02-5 Air/Gas Ratio Regulator

Brand: Honeywell Kromschröder | Code/Part No.: 03166146 | Category: RATIO REGULATORS

## Specifications

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|---|---|
| Model | **GIK 40R02-5** |
| Type | **Air/Gas Ratio Control (Continuous Control, Bypass Group 2)** |
| Part No. | **03166146** |
| Connection Size | **DN 40, Rp 1½ (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** |
| Materials | **Aluminium-silicon alloy housing, NBR diaphragms & seals, brass bypass** |
| Ambient Temperature | **–15°C to +60°C (per nameplate)** |
| Weight | **1.8 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 40R02-5 (Part No. 03166146) 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 40 / Rp 1½ 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, it features an aluminium-silicon alloy housing with NBR diaphragms and seals, a brass bypass screw, and an outlet pressure test point, rated for –15°C to +60°C ambient operation (per nameplate). 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.*