R.K. Instruments & Controls

TECHNICAL DATASHEET

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Madas RG/2MCS DN25 Gas Pressure Regulator

Brand: Madas | Code/Part No.: RCS040000 | Category: PRESSURE REGULATOR VALVES

Specifications

Type	**RG/2MCS DN 25**
Product Code	**RCS040000 · 5XX2**
Inlet Pressure (PS=Pe)	**0.5 – 5 bar**
Outlet Pressure (Pa)	**90 – 170 mbar**
Function	**Pressure regulator with relief valve, without safety shut-offs**
Standards	**EN 88-2, EN 13611**
Type-Approval Certificate	**51BT3739**
Compliance	**CE, ATEX II 2G / II 2D, Regulation (EU) 2016/426, PED 2014/68/EU**
Gas	**Natural gas, LPG and other non-corrosive dry gases**
Manufacturer	**MADAS s.r.l., Italy**
Country of Origin	**Italy**



Description

The Madas RG/2MCS DN25 is a gas pressure regulator that supplies a preset, constant downstream pressure despite variations in inlet pressure or flow rate, using a compensated obturator for precision even under sudden inlet pressure changes. It includes a relief valve that discharges small gas flows outward if downstream overpressure occurs, but does not include OPSO/UPSO safety shut-off devices. Rated for a 0.5–5 bar inlet pressure range and ATEX zone II 2G / II 2D, it is suited to civil and industrial installations running natural gas, LPG or other non-corrosive dry gases. Manufactured by MADAS s.r.l., Verona, Italy, to EN 88-2 and EN 13611 standards.

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