R.K. Instruments & Controls

TECHNICAL DATASHEET

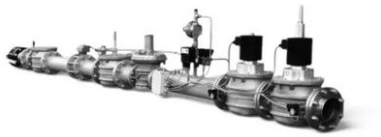
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Madas Flanged Gas Train System DN50

Brand: Madas | Code/Part No.: DN50 Gas Train | Category: GAS TRAIN SYSTEMS

Specifications

Nominal Diameter	**DN50 (2"), flanged connection, PN16**
Applicable Medium	**Natural Gas (PNG), LPG, Biogas, and other non-corrosive dry gases**
Max Inlet Pressure	**Up to 500 mbar (regulated outlet)**
Operating Temperature	**-15°C to +60°C**
Supply Voltage	**230V AC (50-60Hz)**
Shut-off Configuration	**2 normally-closed solenoid valves in series (redundant safety shut-off)**
Standards	**EN 676, EN 88-1, EN 13611, EN 161**
Manufacturer	**MADAS s.r.l., Italy**
Country of Origin	**Italy**



Description

The Madas DN50 Flanged Gas Train System is a complete, pre-assembled gas supply control line for industrial burners, built up from inlet to outlet as: a manual shut-off ball valve for inlet isolation, an in-line gas filter (Madas FM series, 50 micron element) to trap particulates, a spring-loaded diaphragm gas pressure regulator (Madas RG/2MC series) with breather/vent piping and a pressure gauge for monitoring regulated line pressure, a minimum gas pressure switch (Madas PSM series) for low-pressure interlock, and two normally-closed, manual-reset safety shut-off solenoid valves (Madas M16/RM series) wired in series for redundant shut-off. Rated for up to 500 mbar regulated pressure with a 230V AC coil supply and a -15°C to +60°C ambient range, it is built to EN 676, EN 88-1, EN 13611 and EN 161 standards for industrial combustion systems. Manufactured by Madas.

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