R.K. Instruments & Controls

TECHNICAL DATASHEET

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Dungs Flanged Gas Train System DN65

Brand: Dungs | Code/Part No.: DN65 Gas Train | Category: GAS TRAIN SYSTEMS

Specifications

Nominal Diameter	**DN65 (2.5"), flanged connection, PN16 / ANSI standard**
Applicable Medium	**Natural Gas (PNG), LPG, Biogas, Town Gas, and neutral gases**
Max Inlet Pressure	**Up to 500 mbar**
Operating Temperature	**-15°C to +70°C**
Supply Voltage	**230V AC (50-60Hz) / 110V AC / 24V DC**
Closing Time	**< 1 second (fast-closing safety shut-off)**
Standards	**EN 676 / EN 746-2 (industrial combustion systems)**
Manufacturer	**Dungs**



Description

The Dungs DN65 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 (Dungs GF series, 50µm element) to trap particulates, an inlet pressure gauge with push-button test cock, a double solenoid safety shut-off valve (Dungs DMV-D / DMV-DLE) fitted with a gas pressure switch (GW/UB series) for min/max pressure interlock and an integrated Valve Proving System (VPS 504) for automatic leak-tightness testing before burner start, an intermediate flanged spool piece with auxiliary test points, a spring-loaded diaphragm gas pressure regulator (Dungs FRS / FRNG series) with impulse feedback and breather/vent ports, and an outlet pressure gauge for monitoring regulated manifold pressure to the burner. Rated for up to 500 mbar inlet pressure with a fast (<1 second) safety closing time, compliant with EN 676 / EN 746-2 for industrial combustion systems. Manufactured by Dungs.

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