R.K. Instruments & Controls

TECHNICAL DATASHEET

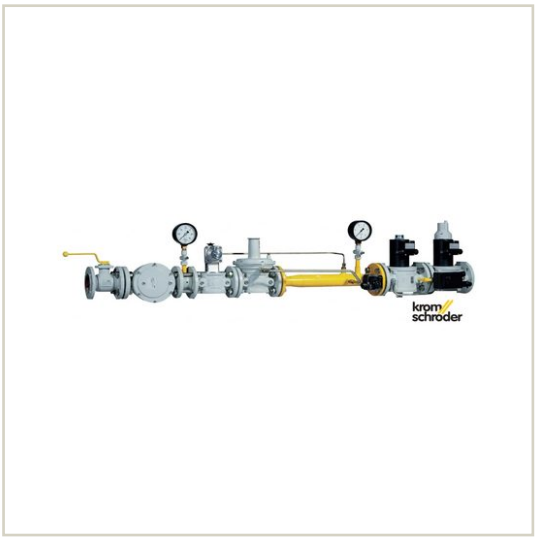
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Honeywell Kromschröder Gas Pressure Control & Safety Train

Brand: Honeywell Kromschröder | Code/Part No.: Custom Engineered | Category: GAS TRAIN SYSTEMS

Specifications

Type	**Gas Pressure Control & Safety Train (engineered assembly)**
Applicable Gases	**Natural Gas, LPG and other fuel gases per burner requirement**
Standard	**Engineered to EN 746-2 (thermoprocessing equipment)**
Isolation	**AKT manual ball valve**
Filtration	**GFK gas filter**
Pressure Monitoring	**KFM / RFM pressure gauges with test valves**
Overpressure Protection	**JSAV slam shut-off valve + VSBV relief valve**
Pressure Regulation	**VGBF / GDJ pressure regulator**
Safety Interlocks	**DG high/low pressure switches**
Flow Shutoff	**VAS / VG automatic solenoid valves**
Valve Proving	**TC 410 automated tightness test system**
Burner Management	**IFS / IFD / BCU ignition & flame monitoring**
Manufacturer	**Honeywell Kromschröder (Elster GmbH, Germany)**



Description

A Honeywell Kromschröder gas train is a pre-assembled engineering system of safety devices and flow controls that delivers fuel gas to industrial burners safely and steadily, built up in sequence from a manual isolating ball valve (AKT) for maintenance isolation, a gas filter (GFK) to protect downstream controls from dirt, pressure gauges (KFM/RFM) with push-button test valves for line-pressure monitoring, a slam shut-off valve (JSAV) paired with a relief valve (VSBV) to block overpressure surges while venting minor spikes, a pressure regulator (VGBF/GDJ) to smooth out fluctuations and hold a steady working pressure, high/low pressure switches (DG) that trigger safety interlocks on abnormal pressure, automatic solenoid valves (VAS/VG) for process-controlled shutoff, a valve proving system (TC 410) that runs an automated tightness test on the dual safety valves before burner start-up, and burner management systems (IFS/IFD/BCU) that control ignition and continuously monitor the flame signal. Engineered and assembled to each project's gas medium, inlet pressure and flow requirement, and built to international thermoprocessing standards such as EN 746-2. Manufactured by Honeywell Kromschröder (Elster GmbH, Germany).

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