R.K. Instruments & Controls

TECHNICAL DATASHEET

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Honeywell Elster Quantometer QA160 80 Z I Turbine Gas Meter

Brand: Honeywell Elster | Code/Part No.: QA160 80 Z I | Category: GAS FLOW METERS

Specifications



Model	**Quantometer QA160 80 Z I**
Size and Capacity	**QA160 · Qmax 250 m³/h**
Measuring Principle	**Turbine Wheel (Quantometer QA Series)**
Connection Size	**DN80 (3"), wafer/flange-type**
Accessories Included	**Mounting bolt, nut and washer kit (4 sets) for flange connection**
Minimum Flow Rate (Qmin)	**13 m³/h**
Maximum Flow Rate (Qmax)	**250 m³/h**
Maximum Operating Pressure	**16 bar**
Temperature Range	**-10°C to +60°C**
Applicable Media	**Natural gas and other non-corrosive gases**
Hazardous Area Rating	**II 2G Ex h IIC T4 Gb, IECEx TUR 16.0043X**
Index / Readout	**Mechanical roller counter, reading in m³**
Kromschröder Equivalent	**DM 160 Z80-40**
Kromschröder Part No. (Order No.)	**03200391**
Approvals	**CE 0085, ATEX**
Manufacturer	**Elster GmbH, Uelzen, Germany (Honeywell Elster)**

Description

The Honeywell Elster Quantometer QA160 80 Z I is a turbine-type gas flow meter for industrial, non-fiscal metering, sized DN80 (3") with a flow range of 13 to 250 m³/h (Qmin to Qmax). Supplied with a mounting bolt and nut kit for its wafer/flange-type pipe connection. A free-spinning turbine wheel is set in motion by the gas flow, with the number of revolutions proportional to the volume passed, read out via a mechanical roller counter in m³. Rated to a maximum operating pressure of 16 bar, it covers an operating temperature range of -10°C to +60°C, and is ATEX certified for use in hazardous areas — hazardous area rating II 2G Ex h IIC T4 Gb, IECEx TUR 16.0043X, CE 0085. Manufactured by Elster GmbH, Uelzen, Germany (Honeywell Elster); commonly used for in-plant allocation and consumption monitoring on boilers, furnaces and heating systems running on natural gas and other non-corrosive gases.

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