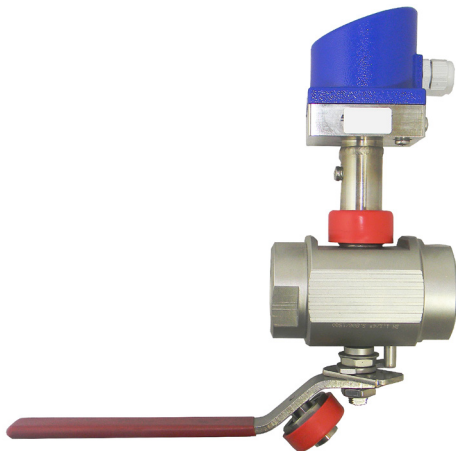


MA-Ds

Article-No. 42117-1111-XXX



YOUR BENEFIT CHARACTERISTICS

- + Easy determination of volume flow directly behind the compressor
- + High-end sensor with stainless steel mechanics
- + Quick sensor exchange, causing brief disconnection only thanks to safety ball cock
- + Manual leakage stop, possible through application of the shut-off function in the measurement system (e.g. for shutdown or maintenance work) - automatic actuator available as an option
- + Multi sensor operation possible (multiple measuring point interfaces can be operated with a portable sensor unit)

PRODUCTFINDER

Your industrial sector?
General industrial applications

What is to be measured?
Consumption Volume flow
Quick-break Sensor exchange

MEASURING POINT INTERFACE

Measuring armature

Material: stainless steel
Nominal pressure: PN 16
Pipe connection:
ISO-female thread
opt. welding neck flange

X

SENSOR UNIT WITHOUT APPLICATOR

Direct-s

Sensor: e-flow
measuring range 40 to 280m/s
Temp. -10 bis 120°C
Material probe: stainless steel
Material applicator: without

X

MEDIUM

compressed air	Nitrogen	CO ₂	Oxygen	Helium	Argon
X					

NOMINAL WIDTH

DN 15	DN 20	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	> DN 200
X	X	X	X	X	X	X	X	X				

TECHNICAL DATA

Measuring Point Interface

Stainless steel Safety ball-valve with PB+CO®lock-blind plug

Sensor unit without applicator

Sensor s-flow

Factory calibration and certificate (10-point), ISO 50001 conform, certificate according to ISO/IEC 17025

Measuring range: 40 to 280 m/s, volume flow depending on nominal widths (see nominal widths datasheet)

Measuring sizes: (turbulent) flow- / mass flow, temperature, static pressure

Pressure proof: 14 bar

Measuring rate: 0,5 sec.

Measuring output (analog): Voltage 0 - 10 V, 4 - 20 mA; $R_L < 500 \text{ Ohm}$

Supply voltage: 18 - 26 VDC

Current drain: 22 - 55 mA

Medium temperature: -80 to 250 °C

Ambient temperature: -20 to 60 °C

Temperature output: -50 (4mA)....250 (20mA) °C

Absolute pressure output: 0,5 (0V)....10 (14VDC) bar abs

Material

Stainless steel (Safety ball-valve, Sensor pipe and probe), Metal (AlSi3Cu) (case), Glas (Sensor probe)

Protection type of case: IP65

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