

Linear flow controls IFC, VFC

Linear flow controls for control of continuously regulated burner processes, linear ratio of input signal to flow rate, control ratio 25:1, for gas and air, with actuator IC 20 or IC 40, EU certified.

Overview



Linear flow controls for control of continuously regulated burner processes.

Features & Benefits:

- Linear ratio of input signal to flow rate
- Control ratio 25:1, for gas and air
- With actuator IC 20 or IC 40
- EU certified
- Size: 1
- DN: 10 to 25
- Connection: Rp internal thread
- pu: max 500 mbar

More Information:

- [Technical Information for VFC, IFC](#)
- [Find products in ProFi for IFC](#)
- [Find products in ProFi for VFC](#)
- [Calculate nominal diameter DN for VFC](#)

Specifications

DIMENSIONS & SIZE SPECIFICATIONS

Sizes

- IFC 110, 115, 120, 125, 340, 350, 365

ENVIRONMENTAL CONDITIONS

Ambient Temperature Range

- -20 to +60 deg C



INSTALLATION & MOUNTING SPECIFICATIONS

Installation Orientation

- IC20/IC40: vertical/horizontal, not upside-down

ACTUATION, CONTROL & MOTION CHARACTERISTICS

Restricting Cylinder

- POM/Aluminum

Control Cylinder

- Aluminum

ELECTRICAL SPECIFICATIONS

Maintenance Interval

- Annual functional check; twice yearly for biologically produced methane

PRESSURE SPECIFICATIONS

Inlet Pressure Range

- 500 mbar

STORAGE/TRANSPORT TEMPERATURES

Storage Temperature

- -20 to +40 deg C

PROCESSING & PERFORMANCE METRICS

Flow Characteristic

- Linear relationship between angle and flow

CONNECTIONS & INTERFACES

Connection Type

- Rp Internal Thread (ISO 7-1)

FUEL, GAS & MEDIA SPECIFICATIONS

Suitable Media

- Natural Gas, LPG (gaseous), Biogas ($\leq 0.1\%$ H₂S), and Clean Air

SAFETY, PROTECTION & RELIABILITY

Leakage Rating

- <2% of kVS value

MATERIAL SPECIFICATIONS

Seal Material

- HNBR/NBR

Material

- Aluminum

CONTROL, LOGIC & FUNCTIONAL BEHAVIOR

Control Ratio

- 25:1



Actuator Type

- IC20, IC40 (full control), IC30 (mountable)

APPLICATIONS & COMPATIBILITY

Applications

- Adjustment and regulation of gas and air flow rates in combustion systems

PRODUCT OVERVIEW & CLASSIFICATION

Components

- VFC linear flow control + IC20 or IC40 actuator

STANDARDS & CERTIFICATIONS

Approvals

- EU (GAR 2016/426), UKCA BS EN 13611, Eurasian Customs Union

Filters

▼ CATEGORY

☒ Base Part

☒ Spare Part

▼ TYPE

☒ Linear Flow Control

☒ Flow Meter

☒ Valve Assembly

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VFC110/10R05-08PPPP

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KS88300202

LIN FLOW CTL,15 RP VFC115/15R05 08PPPP

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LIN FLOW CTL,15 RP VFC115/15R05 08PPPP

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VFC110/10R05-15PPPP

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VFC110/10R05-15PPPP

KS88300207

CTL, FLOW, LIN, INLT DN15, OUTLT DN15, RP INT

KS88300207

CTL, FLOW, LIN, INLT DN15, OUTLT DN15, RP INT

KS88300208

VFC120/20R05 15PPPP

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VFC120/20R05 15PPPP

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LIN FLOW CTL, 1RP, VFC125/25R05 15PPPP

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