

Operating instructions for type-tested blow-off valves

Scope:

These operating instructions apply to blow-off valves which are designed as equipment with a safety function according to the PED 2014/68/EU (Module B) based on DIN EN 16678:2016-02 and DIN EN 16304:2013-05. have been type tested. It is a supplement to the "general operating instructions".
The current version of the general operating instructions can be downloaded from the Internet at www.co-ax.com. and must also be observed when installing the valves!

Manufacturer and service address:

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Product type: Gas valves 2/2-way blow-off valves with electromagnetic actuator, opened without tension by spring force.

Type designations / technical and electrical data:

Designation	Certificate Number	Technical data					Electrical data		
		Nominal pressure	Nominal width	Temperature range	Operating pressure	Mounting position	Voltages	Nominal frequency	Protection class
MK 15 NO (E/2E)	Z-IS-TAF-MUC-22-05-2652116-25082430	PN 40 bar	DN 15	-15 °C to +80 °C	max. 40 bar	any	24, 48, 60, 98, 110, 125, 200, or 220 VDC / 110, 230, 240 VAC	40 - 60 Hz	IP 65
FK 15 NO (E/2E)		PN 40 bar	DN 15	-15 °C to +80 °C	max. 40 bar	any			
MK 20 NO (E/2E)	Z-IS-TAF-MUC-22-05-2652116-25082430	PN 40 bar	DN 20	-15 °C to +80 °C	max. 40 bar	any	24, 48, 60, 98, 110, 125, 200, or 220 VDC / 110, 230, 240 VAC	40 - 60 Hz	IP 65
FK 20 NO (E/2E)		PN 40 bar	DN 20	-15 °C to +80 °C	max. 40 bar	any			
MK 25 NO (E/2E)	Z-IS-TAF-MUC-22-05-2652116-25082430	PN 40 bar	DN 25	-15 °C to +80 °C	max. 40 bar	any	24, 48, 60, 98, 110, 125, 200, 210 or 220 VDC, / 110, 230, 240 VAC	40 - 60 Hz	IP 65
FK 25 NO (E/2E)		PN 40 bar	DN 25	-15 °C to +80 °C	max. 40 bar	any			

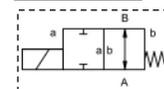
Explanations:

MK: Connections with female thread
FK: Connection with flange
15: Nominal width in mm e.g. DN 15 mm
NC: Valve closed without current by spring force
E: With one inductive limit switch
2E: With two inductive limit switches

Special conditions:

- **Strainer:** A strainer must be installed at the inlet of the valve, whose mesh size is < 1.0 mm!
From valve type MK/FK25 onwards, the strainer must be accessible for cleaning or replacement without removing the valve.
- **Electrical connection:** The connection cable used must be suitable for a temperature range of -15 °C to +125 °C!

Fluid symbol:



Electrical connection assignment:

