coaxial valve

**type A 45**

**2/2 way valve**
- **pressure range**: PN 0-130 bar
- **orifice**: DN 2/4/6 mm
- **connection**: thread
- **function**: valve normally closed symbol **NC**

**3/2 way valve**
- **pressure range**: PN 0-130 bar
- **orifice**: DN 2/4/6 mm
- **connection**: thread
- **function**: valve normally open symbol **NO**

**body materials**
- **stainless steel**

**valve seat seal materials**
- **synthetic resin on metal** FPM, EPDM

**options**
- **threads**: G 3/8
- **ports**: A45
- **flow direction**: as marked
- **flow direction switching cycles**: 1/min 200
- **flow direction switching time**: opening 10 ms, closing 20 ms
- **media temperature**: °C DC: -10 to +80
- **ambient temperature**: °C AC: -10 bis +80
- **limit switches manual override approvals mounting weight**: upon request
- **additional equipment**: 1.2 kg

**electrical specifications**
- **nominal voltage**: AC 230 V 40-60 Hz special voltage upon request
- **actuation**: direct-current magnet with integrated rectifier above 100 °C with separate rectifier
- **energized duty rating protection connection**: plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm
- **optional additional equipment current consumption**: DC 24 V 1.33 A
- **explosion proof**

**details needed**
- orifice
- port
- function NC/NO
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

**General specifications**
- **leak rate**: P₂ < 10⁻⁶ mbar•l•s⁻¹
- **opening**: 45°
- **closing**: 200 ms
- **limit switches**
- **nominal voltage**: AC 230 V 40-60 Hz
- **current consumption**: DC 24 V 1.33 A
- **explosion proof**

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**The valves’ technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics. If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.**

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**Specifications not highlighted are standard specifications highlighted in grey are optional**

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type A 45

function: NC
closed when not energized

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type A 45

function: NO
open when not energized