

03/2022



**!** Above stated body materials refer to the valve port connections that get in contact with the media only!

**details needed**

- orifice
- port
- function NC
- operating pressure
- inlet pressure at A, B or C
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

**!** 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. To avoid hydraulic shocks in pipelines, the flow velocities must be taken into account when designing valves for liquids.

specifications not highlighted are standard  
 specifications highlighted in grey are optional

**3/2 way valve**

**pressure range**

**orifice**

**connection**

**function**

**direct acting**

PN 0-40 bar

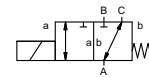
DN 15 mm

thread/flange

valve

normally closed (A ► B)

symbol **NC**



**operating principle**

**body material**

pressure balanced, with spring return, intersecting switch-over

⊙ TÜV (steel, galvanized)

**valve seat**

**seal materials**

synthetic materials on metal

FPM, PTFE

**general specifications**

**options**

**ports**

**function**

**pressure range**

**Kv value**

**vacuum**

**pressure-vacuum**

**back pressure**

**media**

MK threads G 3/8 - G 3/4

FK flanges PN 40

NC

0-40

A ⇒ B max. 40 / B ⇒ A max. 16 / A ⇒ C max. 40 / C ⇒ A max. 40

m³/h 4,3

leak rate

P<sub>1</sub> ⇔ P<sub>2</sub>

P<sub>2</sub> > P<sub>1</sub> see pressure range

liquid fuels

**abrasive media**

**damping**

**flow direction**

**switching cycles**

**switching time**

**media temperature**

**ambient temperature**

**limit switches**

**manual override**

**approvals**

**mounting**

**weight**

**additional equipment**

opening

closing

see pressure range

1/min 200

ms opening 80

closing 80

°C DC: -10 to +140

AC: -10 to +140

°C DC: -10 to +60

AC: -10 to +60

mechanical

TÜV DIN EN ISO 23553-1 + E DIN 32725

mounting brackets

kg MK 4,3 FK 5,9

**electrical specifications**

**options**

**nominal voltage**

**actuation**

**insulating rating**

**protection**

**energized duty rating**

**connection**

**optional**

**additional equipment**

**current consumption**

**explosion proof**

**limit switches**

U<sub>n</sub> DC 24 V +5%/-10%

U<sub>n</sub> AC 230 V +5%/-10% 40-60 Hz

DC direct-current magnet

AC direct-current magnet with separate rectifier

H 180°C

IP65

ED 100%

M16x1,5 terminal box

N-coil

H-coil DC 24 V 2,29 A

AC 230 V 40-60 Hz 0,24 A

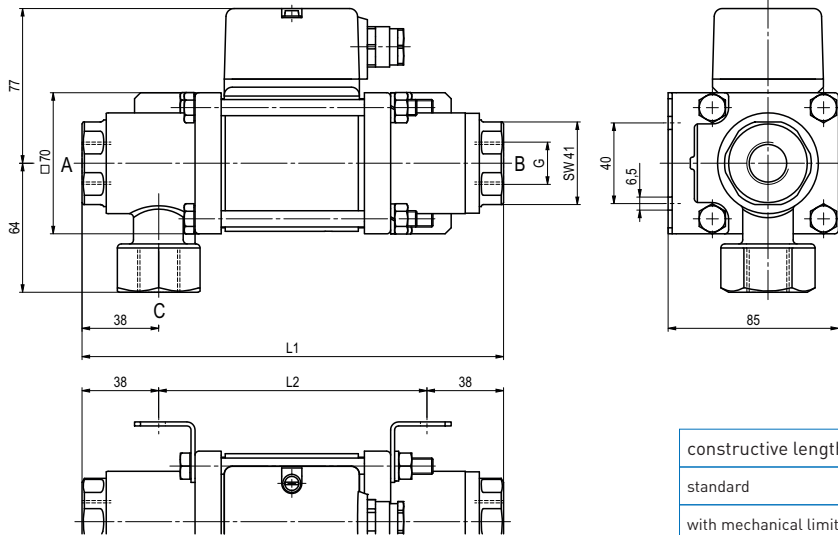
mechanical

single pole double throw-SPDT

# coax® data sheet - coaxial valve

type MK 15 DR TÜV  
FK 15 DR TÜV

function: **NC**  
closed when not energized (A ► B)



constructive length	L1	L2	L3
standard	209	133	265
with mechanical limit switches	229	153	285

function: **NC**  
closed when not energized (A ► B)

