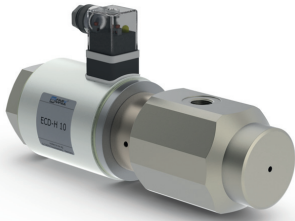


08/2021



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

details needed

- orifice
- port
- function NC/NO
- operating pressure
- 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.

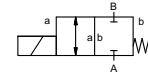
2/2-way valve

pressure range
orifice
connection
function

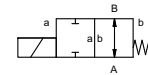
direct acting

PN 0-200 bar
 DN 10 mm
 thread

valve normally closed
 symbol **NC**



valve normally open
 symbol **NO**



design

body materials

pressure balanced, with spring return

- ① brass
- ②
- ③
- ④
- ⑤
- ⑥ stainless steel

valve seat

synthetic resin on metal

seal materials

NBR PTFE, FPM, CR, EPDM

ports

ECD-H threads G 3/8

function

NC NO

pressure range

bar 0-200 0-150

Kv value

m³/h 1,5

vacuum

leak rate < 10⁻⁶ mbar•L•s⁻¹

pressure-vacuum

P₁ ↔ P₂

back pressure

P₂ > P₁

media

gaseous - liquid

abrasive media

damping

flow direction

A ↔ B as marked bi-directional upon request

switching cycles

1/min 100

switching time

ms opening 250
 closing 110

media temperature

°C DC: -20 to +100 -20 to +160
 AC: -20 to +100 -20 to +160

ambient temperature

°C DC: -20 to +60
 AC: -20 to +60

limit switches

inductive

manual override

approvals

mounting

weight

kg 6,0

additional equipment

electrical specifications

U_n DC 24 V +5%/-10% special voltage upon request
 U_n AC 230 V +5%/-10% 40-60 Hz special voltage upon request
 DC direct-current magnet
 AC direct-current magnet with integrated rectifier above 100 °C with separate rectifier

nominal voltage

actuation

insulating rating

H 180°C

protection

IP65

energized duty rating

ED 100%

connection

plug acc. DIN EN 175301-803 form A, 4 terminal box M16x1,5 positions x90° / wire diameter 6-8 mm

optional

illuminated plug with varistor

additional equipment

N-coil

current consumption

H-coil DC 24 V 2,64 A
 AC 230 V 40-60 Hz 0,30 A

explosion proof

limit switches

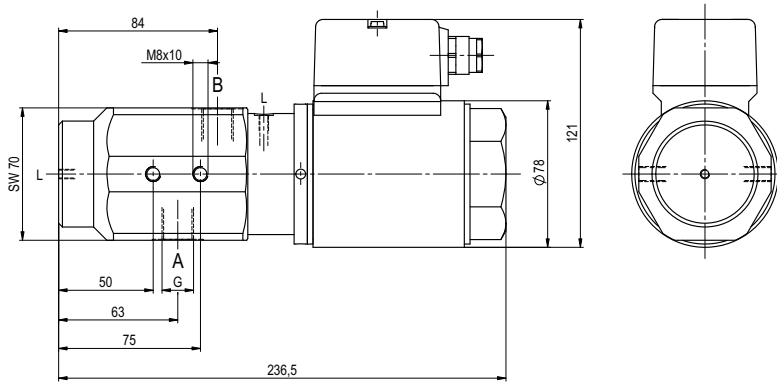
inductive (I) normally open-PNP
 inductive (B) normally open-PNP

■ specifications not highlighted are standard
 ■ specifications highlighted in grey are optional

coax® data sheet - lateral valve

type ECD-H 10

function: **NC**
closed when not energized



function: **NO**
open when not energized

