3/2 Way Coaxial Valve
CX03 and CX04 direct acting

Model code
(also example order)

Type
CX03 = series CX03
CX04 = series CX04

Ways
3/2 = The number of ways

Control
D = Direct acting

Switching function
C = NC - normally closed
O = NO - normally open

Body material
1 = Free from non-ferrous materials*
2 = Brass (standard)
3 = Brass, nickel-plated*
4 = 1.4305*
5 = 1.4571*

Nominal size
10 = DN 10
15 = DN 15
20 = DN 20
25 = DN 25
32 = DN 32
40 = DN 40
50 = DN 50

Pressure range
040 = CX03 > 0 - 40 bar
064 = CX04 > 0 - 64 bar

Connection
014 = G¼ - DN 10
038 = G¾ - DN 10, DN 15
012 = G½ - DN 10, DN 15, DN 20
034 = G¾ - DN 10*, DN 15, DN 20, DN 25
100 = G1 - DN 15*, DN 20, DN 25, DN 32
114 = G1½ - DN 20*, DN 25, DN 32
112 = G1¼ - DN 25*, DN 32, DN 40
200 = G2 - DN 50

Nominal voltage
24V = 24 V DC
230V = 230 V AC 40-60 Hz

Order data
- Nominal size
- Connection
- Function NC/NO
- Operating pressure
- Flow rate
- Medium
- Medium temperature
- Ambient temperature
- Nominal voltage

*optional
## Technical specifications

**Control**
3/2 way valve, direct-acting

**Nominal size**
DN 10 to DN 50

**Pressure range**
(see table)
- CX03 – 3/2: DN 10 - 32, PN 0 to PN 40
- CX03 – 3/2: DN 40 - 50, PN 0 to PN 16
- CX04 – 3/2: DN 10 - 32, PN 0 to PN 64

**Connections**
(see table)
Threaded sleeve

**Body material**
brass, nickel-coated brass, 1.4305, 1.4571

**Valve seat**
(plastic on metal)
FKM

**Material of seals**
Static: FKM
Dynamic: PTFE

**Back pressure resistant**
Up to 16 bar

**Media**
Gaseous, liquid, contaminated

**Direction of flow**
- CX03: P → A max. 40 bar, A → P max. 16 bar
- CX03: P → R max. 40 bar, R → P max. 16 bar
- CX04: P → A max. 64 bar, P → A max. 16 bar
- CX04: P → R max. 64 bar, R → P max. 16 bar

**Temperature of medium**
-10 °C to +100 °C

**Ambient temperature**
-10 °C to +50 °C

**Mounting position**
In any position

**Limit switch**
Inductive*

**Fixing**
Mounting bracket*

### Electrical part

**Nominal voltage**
- DC: 24 V
- AC: 230 V 40-60 Hz

**Electrical part**
- DC: DC magnet
- AC: DC magnet with integrated rectifier

**Connection**
- Connector plug to DIN EN 175301-803 type A
- Connector plug to DESINA M12x1 *
- Illuminated plug with varistor *

**Voltage tolerance**
+ / - 10% to VDE 0580

**Duty cycle**
100% duty cycle

**Protection class**
IP 65 when fitted with connector plug

On request we would be happy to discuss your requirements for further options and accessories. *optional

### Designation

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Accessories

Mounting bracket
mechanical option = HW

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Manual override
mechanical option = HT

Position indication inductive
electrical option = 1I (opened or closed)
electrical option = 2I (opened and closed)

Terminal box
Protection class: IP 65
PG11-fitting
electrical option = PG

Plug with LED
electrical option = LED

Plug with power reduction
24V DC
form A
electrical option = LS

Plug M12x1
electrical option = M12

On request we would be happy to discuss your requirements for further options and accessories.

NOTE
The information in this brochure relates to the operating conditions and applications described.
For applications and operating conditions not described, please contact the relevant technical department.
Subject to technical modifications.