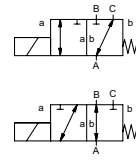


lateral valve type ECD-H 10 DR



3/2 way valve **direct acting**
pressure range PN 0-150 bar
orifice DN 10 mm
connection thread
function valve normally closed (A ► B) symbol **NC**
 valve normally open (A ► B) symbol **NO**



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

design pressure balanced, with spring return, intersecting switch-over
body materials ① brass ②
 ③ ⑤
 ④ ⑥ stainless steel
valve seat synthetic resin on metal
seal materials NBR PTFE, FPM, CR, EPDM

details needed

- orifice
- port
- function NC/NO
- operating pressure
- inlet pressure at A, B or C
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

	general specifications		options
ports	ECD-H	threads G 3/8	
function		NC	NO
pressure range	bar	0-150	
Kv value	m ³ /h	1,5	
vacuum	leak rate		< 10 ⁻⁶ mbar·l/s ⁻¹
pressure-vacuum	P ₁ ↔ P ₂		
back pressure	P ₂ > P ₁		
media			gaseous - liquid
abrasive media			
damping	opening		
	closing		
flow direction			
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			

⚠ 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.

	electrical specifications		options
nominal voltage	U _n	24 V DC	special voltage upon request
	U _n	230 V 40-60 Hz AC	special voltage upon request
actuation	DC	direct-current magnet	
	AC	direct-current magnet with integrated rectifier	above 100°C with separate rectifier
insulation rating	H	180°C	
protection	IP65		
energized duty rating	ED	100%	
connection		plug acc. DIN EN 175301-803 form A, 4 positions x 90° / wire diameter 6-8 mm	terminal box M16x1,5
optional additional equipment		illuminated plug with varistor	
current consumption		24 V DC 2,64 A	
		230 V 40-60 Hz AC 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

