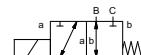
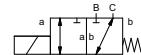


lateral valve



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!

- 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	m³/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 AC: -20 to +100
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.

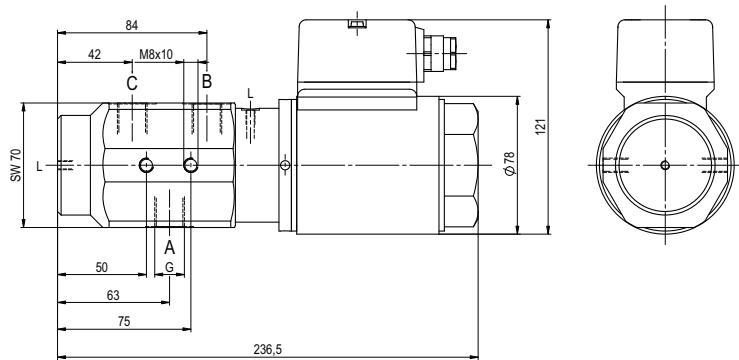
 If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.

electrical specifications		options
nominal voltage	U _n	DC 24 V
	U _n	AC 230 V 40-60 Hz
actuation	DC	direct-current magnet
	AC	direct-current magnet with integrated rectifier
insulating rating	H	180°C
protection	IP65	
energized duty rating	ED	100%
connection		plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm
optional		
additional equipment		illuminated plug with varistor
current consumption	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

Type ECD-H 10 DR

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



Type ECD-H 10 DR

function: **NO**
open when not energized (A ▶ B)

