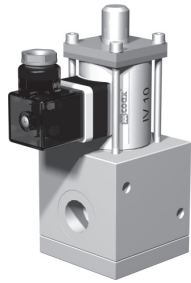
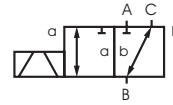


# lateral valve type IV 10-3



**3/2 way valve** direct acting  
**pressure range** vacuum  
**orifice** DN 10 mm  
**connection** thread  
**function** valve normally closed (B ► A)  
**symbol** NC



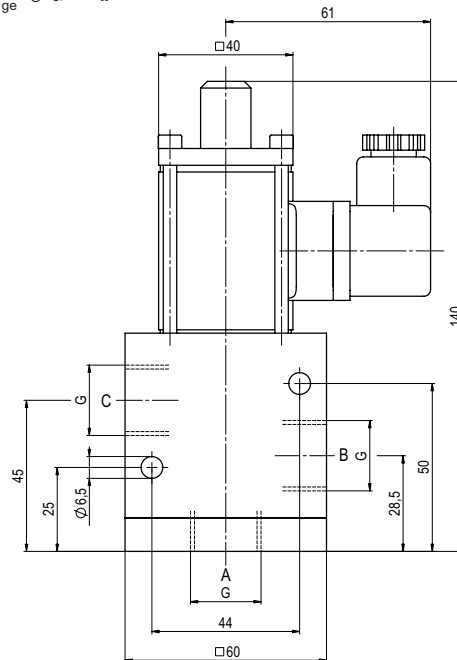
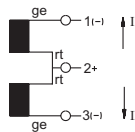
Above stated body materials refer to the valve port connections that get in contact with the media only!

**design** pulse acting  
**body materials** ① aluminium ②  
 ③ ⑤  
 ④ ⑥  
**valve seat** synthetic resin on metal  
**seal materials** NBR

### general specifications

<b>ports</b>	IV	threads G 1/2
<b>function</b>		pulse acting
<b>pressure range</b>	bar	vacuum max. 98%
		$\Delta p$ max. 1
<b>vacuum</b>	leak rate	$< 10^{-8}$ mbar $\cdot$ s $^{-1}$
<b>media</b>		gaseous
<b>flow direction</b>		A $\Rightarrow$ B / B $\Rightarrow$ A / B $\Rightarrow$ C / C $\Rightarrow$ B
<b>switching cycles</b>	1/min	30
<b>switching time</b>	ms	opening 30 closing 30
<b>media temperature</b>	$^{\circ}$ C	-5 up to +60
<b>weight</b>	kg	1,1
<b>nominal voltage</b>	U <sub>n</sub>	DC 24V
<b>energized duty rating</b>	ED	40%
<b>actuation</b>	DC	53 W

### 1- coil series connection



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.

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