

# Series ICKN-55

## NAMUR

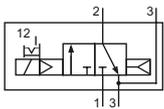
### Technical details

<b>Connection</b>	G1/4, Namur
<b>Nominal size</b>	6 mm
<b>Temperature range</b>	-30°C ... +80°C
<b>Medium</b>	Filtered, oil-free and dried compressed air according to ISO 8573-1:2010, Class 7:2:4, instrument air, free of aggressive additives. Alternatively the pressure dew point must be at least 10°C below lowest occurring ambient temperature.
<b>Materials</b>	Body: Al (anodized), seals: FKM , inner parts: Al, stainless steel and brass
<b>Protection</b>	IP 65 according to EN 60529

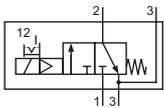


Electrically operated spool valve. The manual override is detent and is operated by screwdriver. The location pin, screws and seals are included.

### 3/2-way valves

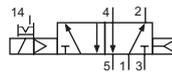


ICKN-55-310-HN-xxx  
3/2-way, single solenoid, air spring return, NC

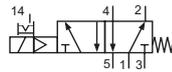


ICKN-55-311-HN-xxx  
3/2-way, single solenoid, mechanical spring return, NC

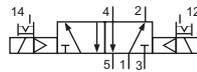
### 5/2- and 5/3-way valves



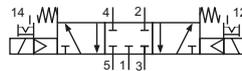
ICKN-55-510-HN-xxx  
5/2-way, single solenoid, air spring return



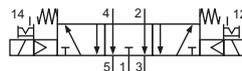
ICKN-55-511-HN-xxx  
5/2-way, single solenoid, mechanical spring return



ICKN-55-520-HN-xxx  
5/2-way, double solenoid



ICKN-55-530-HN-xxx  
5/3-way, center position closed



ICKN-55-533-HN-xxx  
5/3-way, center position exhausted

Please complete: xxx = electrical option

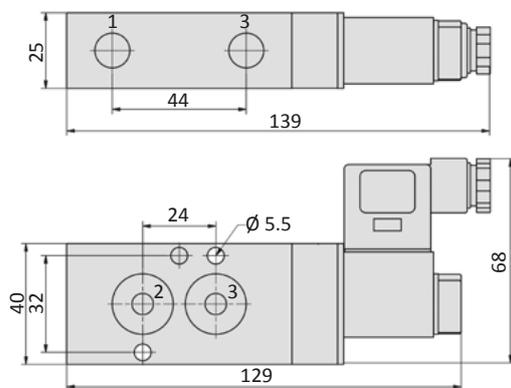
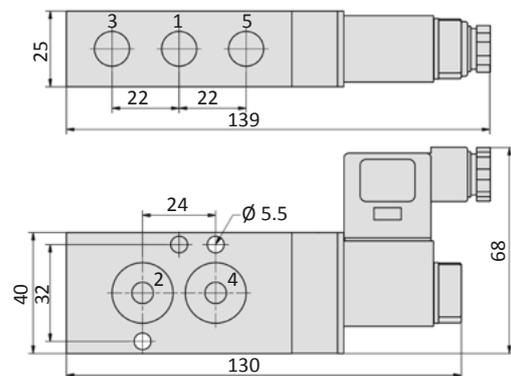
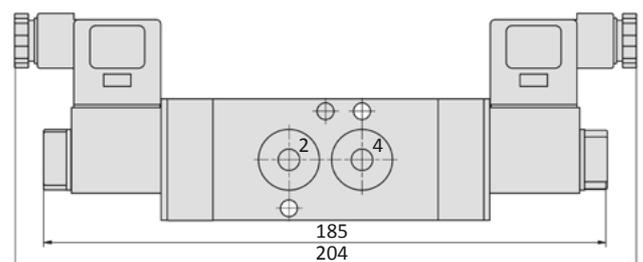
### Electrical options

Nominal Ivoltage	Power consumption	Specifics	Plug connection*1	-xxx
24 V DC	4.2 W		Form B industrial norm	-F42

\*1 Plug socket not included, suitable plug sockets see page 6-14.

**Technical data**

Model-no.:	ICKN-55-310	ICKN-55-311	ICKN-55-510	ICKN-55-511	ICKN-55-520	ICKN-55-530	ICKN-55-533
Operating pressure (bar)	3 ... 8	3 ... 8	3 ... 8	3 ... 8	2 ... 8	3 ... 8	3 ... 8
Pilot pressure (bar)	3 ... 8	3 ... 8	3 ... 8	3 ... 8	2 ... 8	3 ... 8	3 ... 8
Flow rate (NI/min)	780	780	900	800	900	680	680
Response time (ms) at 6 bar	on: 16 off: 18	on: 13 off: 16	on: 16 off: 17	on: 16 off: 18	on: 14 off: 14	on: 14 off: 16	on: 14 off: 16
Weight (kg)	0.320	0.320	0.320	0.320	0.440	0.440	0.440

**Dimensions**
**ICKN-55-31x-HN**

**ICKN-55-51x-HN**

**ICKN-55-520-HN, ICKN-55-53x-HN**


1 = pressure inlet  
 2,4 = outlets  
 3,5 = exhausts

Plug socket (not included in scope of delivery) can be repositioned by 180°.  
 Solenoid coil can be repositioned.

**Accessories**


Plug sockets: page 6-14