

Series KNX-55

NAMUR



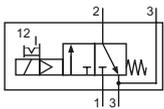
Technical details

Connection	G1/4, Namur
Nominal size	6 mm
Temperature range	-30°C ... +80°C
Medium	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.
Materials	Body: stainless steel 1.4571, seals: PU, NBR, inner parts: stainless steel 1.4305
Protection	IP 65 according to EN 60529
	Valves in accordance with 2014/34/EU (ATEX) available. (Chapter 13)



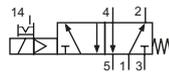
Electrically operated spool valve. The manual override is detent and is operated by screwdriver. The location pin, screws and seals are included.

3/2-way valve

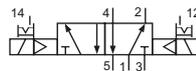


KNX-55-311-HN-xxx
3/2-way, single solenoid, mechanical spring return, NC

5/2- and 5/3-way valves



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



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

Please complete: xxx = electrical option

Electrical options

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

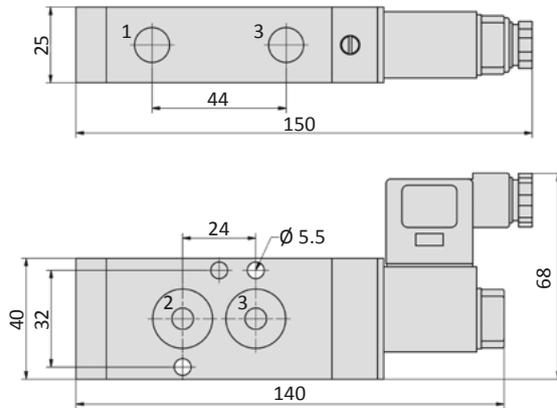
*¹ Plug socket not included, suitable plug sockets see page 6-14.

Technical data

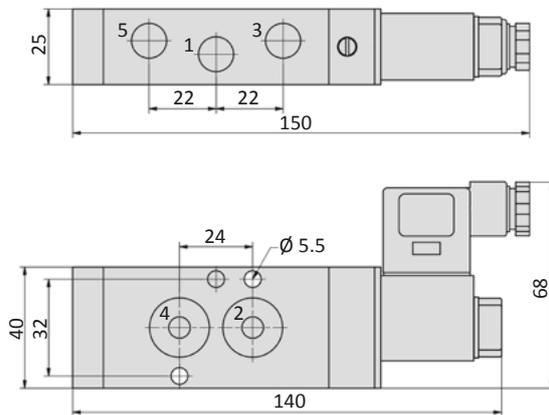
Model-no.:	KNX-55-311	KNX-55-511	KNX-55-520
Operating pressure (bar)	3 ... 8	3 ... 8	3 ... 8
Pilot pressure (bar)	3 ... 8	3 ... 8	3 ... 8
Flow rate (NI/min)	1280	1060	1050
Response time (ms) at 6 bar	on: 13 off: 47	on: 12 off: 74	on: 14 off: 14
Weight (kg)	0.670	0.660	0.720

Dimensions

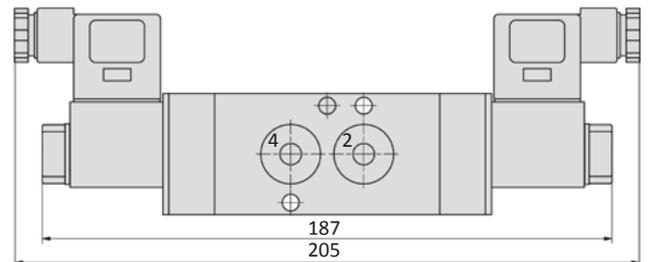
KNX-55-311-HN



KNX-55-511-HN



KNX-55-520-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