

ASCO Pilot valve Namur Type: 33550 series 553 aluminium

Characteristics

Series: 553
Type: 33550
Model: Namur 3/2 or 5/2 way
Process connection: NAMUR
Size process connection: 1/2" [15]
Air supply connection: Internal thread
Connection standard air supply: NAMUR 2 [VDI/VDE 3845]
Connection air exhaust(s): Internal thread
Function: Mono-stable
Actuation: Indirect-acting
Including plug: Yes
Orifice: 13 mm
Kvs value: 2.49 m³/h
Minimum pressure difference: 2 bar
Maximum pressure difference: 10 bar
Housing material: Aluminium
Sealing: NBR - PUR
Material coil housing: Epoxy
Working time: 100 %
Level of protection (IP value): IP65
Explosion-proof: No
SIL certified: No
Medium temperature: -25 / 60 °C

Technical Information

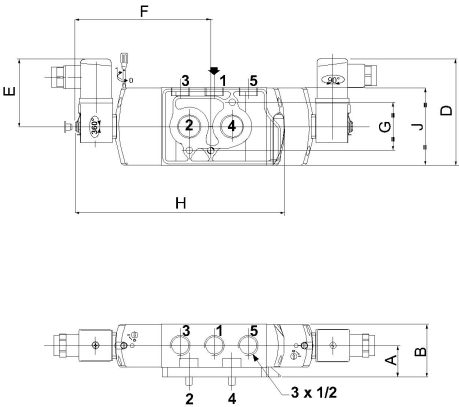
- Namur 3 & AMP, 5-way connection.
- Easy and direct mounting.
- Actuator protected against aggressive external gases and vapours.
- Reliable and long service life.
- Conversion from AC to DC coil possible.
- Suitable for outdoor installation.
- Qv capacity at 6 bar: 3000 l/m.

Options

- Bi-stable version.
- Speed control valves.
- Sound absorber
- Functional safety IEC 61508 SIL 2/3
- Explosion-proof in accordance with ATEX/IECEx or NEMA.

Application

- Control of pneumatic quarter-turn actuators with air connection in accordance with NAMUR VDI/VDE 3845.
- Single- and double-acting actuators.



Size table:

A	B	C	D	E	F	G	H	J
mm	mm	mm	mm	mm	mm	mm	mm	mm
19	33	7	72	52	95	32	139	45

Size of air supply connection	Diameter air exhaust	Coil type	Supply voltage	Frequency	Electrical connection	Power	Starting power	Emergency manual operation	Ambient temperature	Article
1/2 BSP	1/2 BSP	400727-185	24V DC		Plug EN 175301-803 type A	4 W [hot] / 5 W [cold]		Yes	From -25 °C to 60 °C	12406352
1/2 BSP	1/2 BSP	400727-181	24V AC	50/60Hz	Plug EN 175301-803 type A	5 W / 7 VA	15 VA	Yes	From -25 °C to 60 °C	13706305
1/2 BSP	1/2 BSP	400727-117	230V AC	50Hz	Plug EN 175301-803 type A	5 W / 7 VA	15 VA	Yes	From -25 °C to 60 °C	12952042

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