ASCO Solenoid valve 2/2 Type: 32000 series 256C brass normally closed

A compact direct-acting solenoid valve with a wide range of flow and pressure ratings.
Obtainable with various sealings, suitable for a wide range of operating temperatures and compatible with many fluids.

Characteristics

Function: Normally closed (NC)
Actuation: Direct-acting
Electrical connection: Plug EN 175301-803 type A
Max. viscosity: 40 mm²/s
Housing material: Brass
Sealing: FPM (FKM)
Material coil housing: PPS
Material shorting ring: Copper
Working time: 100 %
Level of protection (IP value): IP67
Explosion-proof: No
Medium temperature: From 0 °C to 130 °C
Ambient temperature: From -10 °C to 60 °C

Application

- General Applications.
- Neutral gases, such as air and inert gas.
- Neutral liquids like water.
- Neutral oils, provided that the material and seals are not affected by the medium.

Technical Information

- Conversion possible between alternating and direct voltage coil.
- Only the 1/8" version is equipped with an emergency manual control as standard.
- Quick disassembly of core tube for easy maintenance of internal parts.
- Response times: 10 - 20 ms with 1/8” version and 20 - 70 ms with 1/4” version.
- Compliant with all relevant EU and EAC guidelines.

Options

- Other supply voltages.
- Normally open version.
- Seals in NBR for temparature range from -10 °C to 90 °C.
- Seals for refrigerating fluids.
- NSF 169 or EC 1935/2004 approval.

Size process connection	Process connection	Orifice	Kvs value	Minimum pressure difference	Maximum pressure difference	Coil type	Supply voltage	Power	Emergency manual operation	Article
		mm	m³/h	bar	bar					
1/8" (6)	Internal thread (BSPP)	1.2	0.051	0	20	533534-001	24V DC	3.5 W	Yes	14335125
1/8" (6)	Internal thread (BSPP)	1.2	0.051	0	30	533534-003	230V AC	3 W / 4.5 VA	Yes	14335126
1/8" (6)	Internal thread (BSPP)	1.6	0.08	0	30	533593-011	24V AC	3 W / 4.5 VA	Yes	14335128
1/8" (6)	Internal thread (BSPP)	1.6	0.08	0	12	533534-001	24V DC	3.5 W	Yes	14335129
1/8" (6)	Internal thread (BSPP)	1.6	0.08	0	30	533534-003	230V AC	3 W / 4.5 VA	Yes	14335127
1/8" (6)	Internal thread (BSPP)	2	0.12	0	6	533534-001	24V DC	3.5 W	Yes	14335131
1/8" (6)	Internal thread (BSPP)	2	0.12	0	15	533534-003	230V AC	3 W / 4.5 VA	Yes	14335130
1/8" (6)	Internal thread (BSPP)	2.4	0.14	0	13	533593-011	24V AC	3 W / 4.5 VA	Yes	14335143
1/8" (6)	Internal thread (BSPP)	2.4	0.14	0	4	533534-001	24V DC	3.5 W	Yes	14335144
1/8" (6)	Internal thread (BSPP)	2.4	0.14	0	13	533534-003	230V AC	3 W / 4.5 VA	Yes	14335132
1/4" (8)	Internal thread (BSPP)	1.6	0.08	0	30	533534-002	24V DC	5 W	None	14335154
1/4" (8)	Internal thread (BSPP)	2.4	0.18	0	20	533593-011	24V AC	9 W / 14 VA	None	14335156
1/4" (8)	Internal thread (BSPP)	2.4	0.18	0	18	533534-002	24V DC	5 W	None	14335157

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Size process connection	Process connection	Orifice	Kvs value	Minimum pressure difference	Maximum pressure difference	Coil type	Supply voltage	Power	Emergency manual operation	Article
		mm	m³/h	bar	bar					
1/4" (8)	Internal thread (BSPP)	2.4	0.18	0	20	533593-003	230V AC	9 W / 14 VA	None	14335155
1/4" (8)	Internal thread (BSPP)	4.5	0.4	0	8	533593-011	24V AC	9 W / 14 VA	None	14335160
1/4" (8)	Internal thread (BSPP)	4.5	0.4	0	8	533593-003	230V AC	9 W / 14 VA	None	14335159

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