

## 2/2 way solenoid valve normally closed or normally open

type 15, brass body

direct operated, DN 1,2 – 4,0 mm, G1/8



SPECIFICATION	
<b>general</b>	
type of construction	2/2-poppet valve, normally closed NC or normally open NO, coil 360° rotatable
operator	solenoid, or optional by manual override
ports	G1/8
ambient temperature	-20°C to +50°C, higher allowed ambient temperatures on request
fluid temperature	dependent on sealing material and coil
viscosity	max. 37 mm <sup>2</sup> /s (cst) or 5° E
material	body and tube: brass inner parts : stainless steel sealing: see type selection
mounting	2 threads M4 or fixing holes diameter 3,2mm
installation	in any position, preferable vertical fixed solenoid coil
unit of supply	without connector
<b>electrical data</b>	
voltage	DC voltage or AC voltage
standard voltage	24V DC, 24V AC, 230V AC
special voltage on request	6V-200V DC, 12V-240V, 50Hz or 60Hz
acceptable voltage tolerance	+/- 10%
power consumption	see specifications at solenoid coils
coil type	temperature class F (155°C), winding class H (180°C)
duty cycle	100% ED (DB), continuous operation
protection class	IP65 according DIN EN 60529 (DIN 40050) with correctly mounted connector
<b>pneumatic – hydraulic</b>	
flow medium	all liquids and gases, which don't attack the used material
max. body housing pressure	PN 40 (bar)
response time	12 – 20ms
weight	see dimension drawing
special equipment on request	stainless steel AISI303 in place of brass, coil type with cable, bright nickel-plated or chemical nickel-plated, explosionproof coil, coils for temperature class H (180°C), other sealing materials, manual override



type 15B, normally open								
type * (order-nr.)	NW DN (mm)	maximum differential pressure in bar **						kv-value (m <sup>3</sup> /h)
		coil C1DA		coil C2DA		coil C3AA		
		~ (50Hz)	= (DC)	~ (50Hz)	= (DC)	~ (50Hz)	= (DC)	
15B-1.12BZ-AC1DA	1,2	11	11					0,045
15B-1.15BZ-AC1DA	1,5	5	5					0,082
15B-1.20BZ-AC1DA	2,0	3,5	3,5					0,133
15B-1.25BZ-AC1DA	2,5	2,5	2,0					0,195
15B-1.30DZ-AC1DA	3,0	2,0	-					0,250
15B-1.35DZ-AC1DA	3,5							
15B-1.40DZ-AC1DA	4,0	1,8	-					0,340
15B-1.12FZ-AC2DA	1,2			16	16			0,045
15B-1.15FZ-AC2DA	1,5			10	10			0,082
15B-1.20FZ-AC2DA	2,0			5,5	5,5			0,133
15B-1.25FZ-AC2DA	2,5			3,5	3,5			0,195
15B-1.30FZ-AC2DA	3,0			4,0	-			0,250
15B-1.35FZ-AC2DA	3,5							
15B-1.40FZ-AC2DA	4,0			2,5	-			0,340
15B-1.12EZ-AC3AA	1,2					22	22	0,045
15B-1.15EZ-AC3AA	1,5					13	13	0,082
15B-1.20EZ-AC3AA	2,0					8	8	0,133
15B-1.25EZ-AC3AA	2,5					5	5	0,195
15B-1.30EZ-AC3AA	3,0					5	-	0,250
15B-1.35EZ-AC3AA	3,5							
15B-1.40EZ-AC3AA	4,0					3	-	0,340

\* Type designation (order-nr.) must be completed with sealing material, coil and supply voltage.

\*\* All specifications refer to fluids with a maximum viscosity of 37 cst. (5°E).

Higher viscosities cause extended response time and need a special specification of the valve.

