

DESCRIPTION

Solenoid valve 2 way direct acting poppet type.

Bi-stable impulse drive.

The bi-stable function is achieved by the use of a polarized permanent magnet energizing the coil with a DC current for at least 15ms in the reverse direction of the preceding impulse.

CONSTRUCTION

Body	Brass
Armature tube	Brass
Plunger and core	AISI 430FR
Magnet	NeFeB
Springs	AISI 302
Seal material	NBR - FPM - EPDM

FEATURES

Maximum allowable pressure PS 50bar

Maximum fluid viscosity 25cSt (mm²/s)

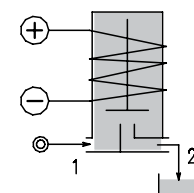
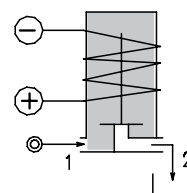
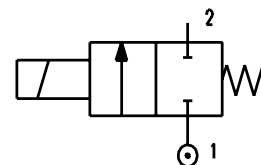
Ambient temperature: from -10°C to +80°C according to the coil

Universal mounting position

OPTIONS: Stainless steel armature tube
Electroless nickel plating
Series 7 explosion proof coil according to ATEX - EExmII
Special powers



2



CODE ① ②	Connection G ISO 228	Orifice mm	Kv m ³ /h	Differential pressure bar		Nominal power DC Watt	Coil		Seal ①	Temp. range °C
				Min	Max		Series	Width		
D115A...12///...	1/8"	1.2	0.04	0	12	2	3	22	NBR=B	-10 +90
D115A...15///...	1/8"	1.5	0.06	0	8	2				
		1.5	0.06	0	20	5			EPDM=E	-10 +120
D115A...20///...	1/8"	2	0.09	0	3	2				
		2	0.09	0	12	5			FPM=V	-10 +120
		2.5	0.14	0	1	2				
D115A...25///...	1/8"	2.5	0.14	0	5	5				
		2.5	0.14	0	8	6.5				
D115A...31///...	1/8"	3.1	0.19	0	2	5				
		3.1	0.19	0	3.5	6.5				

- ① Seal
② Coil

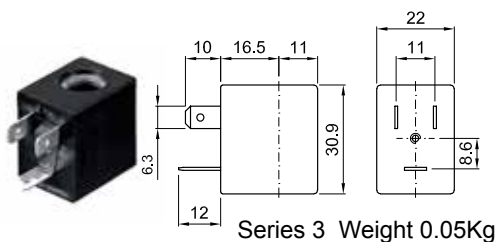
Example: D115AB20///300120 NBR seal
Coil 12V DC 2W

COILS ②	Direct Current															Electrical connection	Connectors
	3V			6V			9V			12V			24V				
	2W	5W	6.5W	2W	5W	6.5W	2W	5W	6.5W	2W	5W	6.5W	2W	5W	6.5W		
Series 2 Width 30	308120			305120	305150		307120	307150		300120	300150	300	301120	301150	301	DIN 46244	PG9 code 10348000

DESCRIPTION
Class F insulation
Voltage tolerance $\pm 10\%$
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

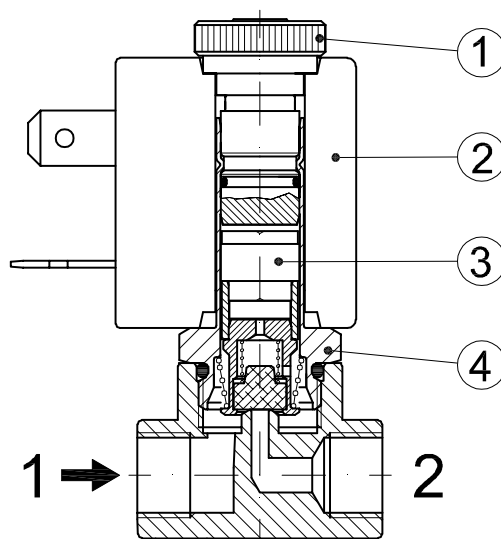
OPTIONS
Class H insulation
Cable attached
Special coil voltage
Special coil powers

(for coil details see section 8)



SPARE PARTS LIST

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1. Coil fixing nut
 2. Coil
 3. Plunger
 4. Armature tube assembly



OVERALL DIMENSION

