

DESCRIPTION

Solenoid valve 2 way normally closed

direct acting poppet type.

With explosion proof coil certified for hazardous area:

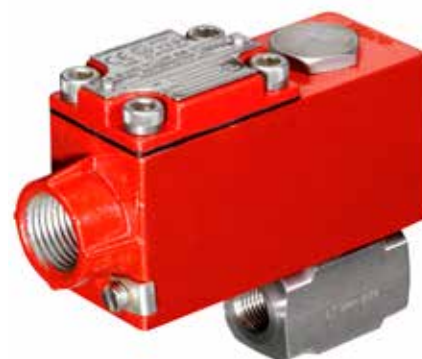
ATEX II 2GDEx d IIC T6 or T5 or T4 Gb IP66

Ex tb IIC T85°C or T100°C or T135°C Db IP66

CESI 03 ATEX 344/02

Tamb -40°C ÷ +35°C(T6) or +50°C(T5) or +60°C(T4)

(other certifications e.g.EAC, INMETRO, CCOE etc. on request)



2



VALVE CONSTRUCTION

Body	AISI 303
Springs	AISI 302
Seal material	NBR - FPM - EPDM

EXPLOSION PROOF COIL CONSTRUCTION

Housing	Red colour alloy (coil A6)
	Stainless steel (coil X6)
Electrical connection	1/2" NPT (M20x1 on request)

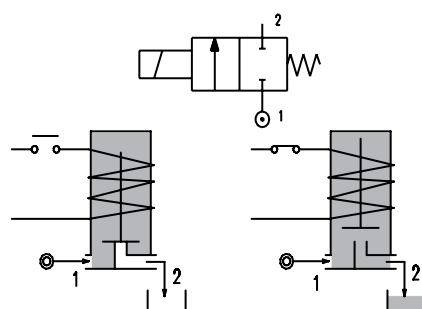
FEATURES

Maximum allowable pressure PS 100bar

Maximum fluid viscosity 25cSt (mm²/s)

Ambient temperature: -10°C ÷ +35°C(T6), +50°C(T5), +60°C(T4)

Mounting position with vertical coil above



NOTE: The solenoid valve is suitable only with media that are **NOT** potentially explosive

CODE ① ② ③	Connection G ISO 228	Orifice mm	Kv m ³ /h	Differential pressure bar			Nominal power		Coil Series	Seal	Temp. range °C
				Min	Max		AC Holding	DC			
A110... ..10/1/...	1/4"	1	0.04	0	80	80	12 VA	8W	A6 or X6	NBR=B EPDM=E FPM=V	-10 +80
A110... ..12/1/...		1.2	0.05	0	60	60					
A110... ..15/1/...		1.5	0.07	0	30	26					
A110... ..20/1/...		2	0.1	0	22	20					
A110... ..25/1/...	3/8"	2.5	0.15	0	16	14					
A110... ..30/1/...		3	0.25	0	15	10					
A110... ..35/1/...		3.5	0.32	0	10	8					
A110... ..40/1/...		4	0.36	0	8	5					
A110... ..45/1/...	1/2"	4.5	0.41	0	6.5	3.5					
A110... ..52/1/...		5.2	0.47	0	4	1.8					
A110... ..64/1/...		6.4	0.64	0	3.5	1					

① Connection: B=1/4", C=3/8", D=1/2"

② Seal

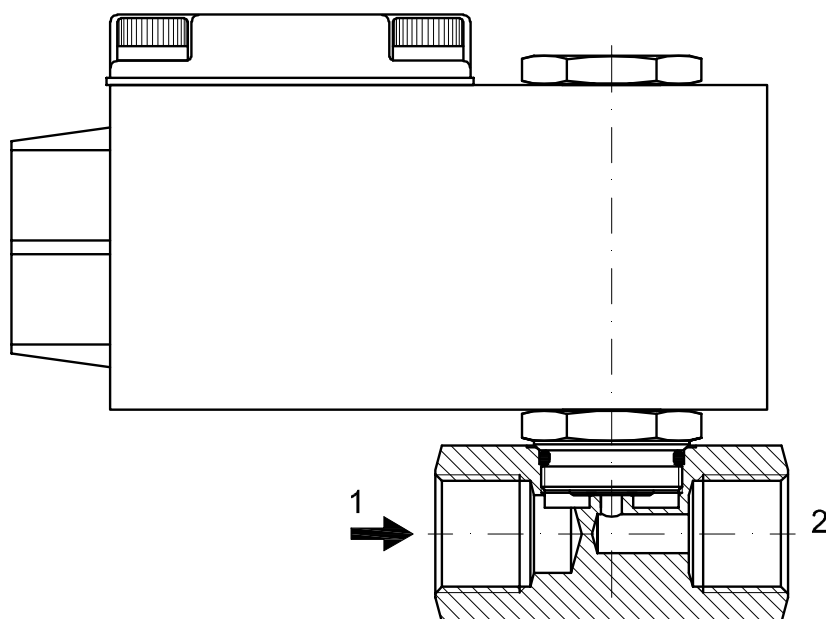
③ Coil

Example: A110BV12/1/A6B - connections G1/4", FPM seal, 24V AC, alloy housing

A110BV12/1/X6B - connections G1/4", FPM seal, 24V AC, stainless steel housing

COILS ③	Alternating Current 50/60Hz (V)				Direct Current (V)			Electrical connection
	24	48	110	220 230	12	24	48	
Series A6 alloy housing	A6B	A6C	A6D	A6E	A60	A61	A62	1/2" NPT
Series X6 s. steel housing	X6B	X6C	X6D	X6E	X60	X61	X62	

DESCRIPTION
Voltage tolerance
AC +15% -10%
DC $\pm$ 10%
Protection class IP66
Continuous service ED100%



OVERALL DIMENSION

