

DESCRIZIONE

Solenoid valve 2 way normally closed direct acting poppet type

Flange fixing

With explosion proof coil certified for hazardous area:

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

Ex tb IIIC 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)



VALVE CONSTRUCTION

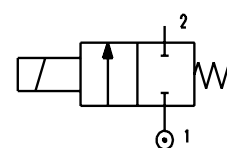
Body Brass

Seal material NBR - FPM - EPDM

EXPLOSION PROOF COIL CONSTRUCTION

Housing Red colour alloy (painted with epoxy powder)

Electrical connection 1/2" NPT (M20x1 on request)



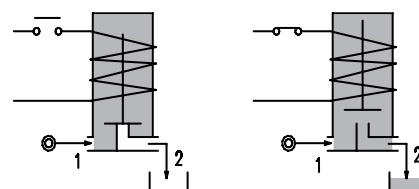
FEATURES

Maximum allowable pressure PS 80bar

Maximum fluid viscosity 25cSt (mm²/s)

Ambient temperature: -40°C ÷ +35°C(T6), +50°C(T5), +60°C(T4)

Mounting position with vertical coil above



OPTIONS: Manual override
Electroless nickel plating
Stainless steel seat insert

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

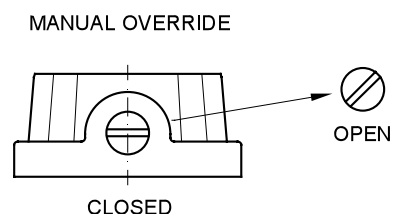
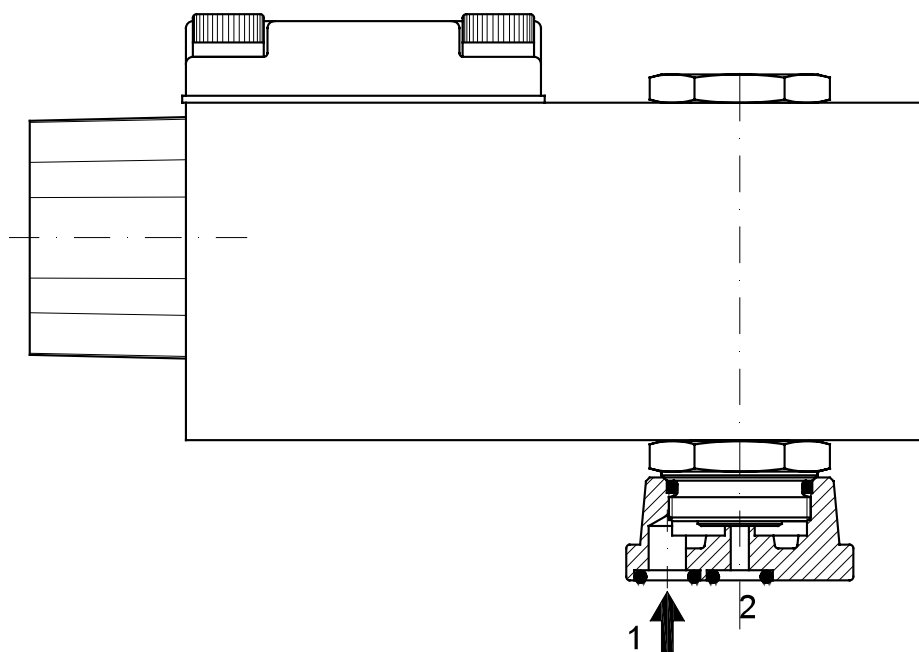
CODE ① ②	Flange □ 32	Orifice mm	Kv m ³ /h	Differential pressure bar			Nominal power		Coil series	Seal	Temp. range °C
				Min	Max		AC Holding	DC			
A114X...10///...	□ 32	1	0.04	0	80	80	12 VA	8W	A6	NBR=B EPDM=E FPM=V	-10 +80
A114X...12///...		1.2	0.05	0	60	60					
A114X...15///...		1.5	0.07	0	30	26					
A114X...20///...		2	0.1	0	22	20					
A114X...25///...		2.5	0.15	0	16	14					
A114X...30///...		3	0.25	0	15	10					
A114X...35///...		3.5	0.32	0	10	8					
A114X...40///...		4	0.36	0	8	5					
A114X...45///...		4.5	0.41	0	6.5	3.5					

① Seal

② Coil

COILS ②	Alternating Current 50/60Hz (V)				Direct Current (V)			Electrical connection
	24	48	110	220 230	12	24	48	
Series A6	A6B	A6C	A6D	A6E	A60	A61	A62	1/2" NPT

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



OVERALL DIMENSION

