



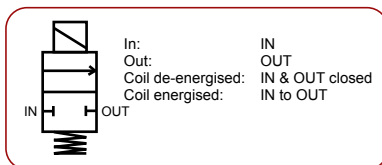
## TWO WAY NORMALLY CLOSED SOLENOID VALVE 1 1/2" TO 12"

# P05.d

### DESCRIPTION

#### Mechanical Characteristics:

Two Way Normally Closed Pilot Piston control valve with remote control circuit for Solenoid Valve operation. Control circuit has integral ball valve which provides a Manual Override function. Solenoid Valve (S) body is brass or Stainless Steel. Solenoid Valve is certified to EExd ATEX.



**ATEX**

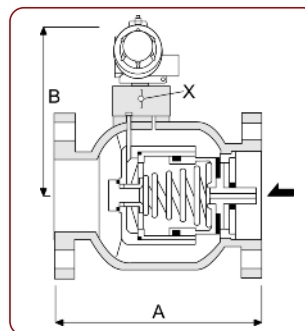
**EExd**



### ELECTRICAL CHARACTERISTICS

Light alloy epoxy painted explosion proof solenoid housing. Electrical and mechanical parts certified to ATEX 94/9/CE directive. Suitable to control the flow of flammable and/or inert gases or liquids. Internal and external anti-twist ground connecting screws. Inside terminal board suitable for cable up to 2.5mm.

COIL SPECIFICATION:	COIL SERIES: B6E
Cable Gland Entry**:	1/2" BSP or 1/2" NPT or M20*1.5mm
Coil Housing Protection Class:	IP67
Ex Protection Class:	11 2 GD (EEx-d IIB, IIC), 11 1/2 GD (EEx-d IIB, IIC)
Temperature Class:	T6 (t.amb -20 to +40°C). T5 (t.amb -20 to +55°C) upon request
Coil Insulation Class:	F (155°C) - H (180°C) upon request
Winding Wire Class:	H (180°C)
Duty:	Continuous (S.I.) 100% ED
Power Consumption:	AC: 11VA (28VA Inrush). DC 11W
Voltage Tolerance:	± 10% (standard). Other voltage tolerances upon request.
Insulation:	> 1000 Mohm
Dielectric Strength:	> 2000 V/1"
Standard Voltages:	12, 24, 48, 110, 115, 125, 220, 240 VAC DC or AC (50/60 Hz)



### SPECIFICATIONS & DIMENSIONS

Model	A					Orifice mm	Nominal Max. Bar	Pressure in Bar		KV Flow Factor L/min.	Weight Kg	Dimensions mm	
	A	B	C	D	E			Min. / Max. Operating Differential Pressures BAR				A	B
								Min.	Max.				
P05	40	O				1 1/2"	40	20	0.5 / 15	686	4	120 / 170	
P05	50	P				2"	50	20	0.5 / 15	1072	10	200 / 190	
Model with PN16 flanges. PN10, PN25 & ANSI flanges available upon request.													
P05	50	FL				2"	50	20	0.5 / 15	1072	13	190 / 190	
P05	65	FL				2 1/2"	65	20	0.5 / 15	1501	15	210 / 195	
P05	80	FL				3"	80	20	0.5 / 15	2002	20	225 / 210	
P05	100	FL				4"	100	20	0.5 / 15	3718	26	250 / 222	
P05	125	FL				5"	125	20	0.5 / 15	5577	38	280 / 245	
P05	150	FL				6"	150	20	0.5 / 15	7865	51	310 / 260	
P05	200	FL				8"	200	20	0.5 / 15	14300	95	420 / 300	
P05	250	FL				10"	250	20	0.5 / 15	22880	152	470 / 335	
P05	300	FL				12"	300	20	0.5 / 15	31460	202	530 / 370	

### ORDER CODES

A	Body	B	Ported Body	Flanged Body PN16. ANSI 150 upon request.			C	Seals	D	Protection	E	Options
T	Bronze	O	1 1/2" BSP	2C	2" PN16	6C	6" PN16	0	NBR (-10°C to + 80°C)	B	11 1/2 GD EEx-d IIB	
C	Cast Iron	P	2" BSP	25C	2 1/2" PN16	8C	8" PN16	1	VITON (-10°C to + 90°C)	C	11 1/2 GD EEx-d IIC	
D	Ductile Iron	R	3" BSP	3C	3" PN16	10C	10" PN16					
I	316 Stainless Steel			4C	4" PN16	12C	12" PN16					
				5C	5" PN16							