

3/2 Function Pilot Solenoid Valve, with CNOMO Interface

RGS

Description

3 port 2 position direct acting spring return normally closed solenoid valve, conforming to CNOMO standards.

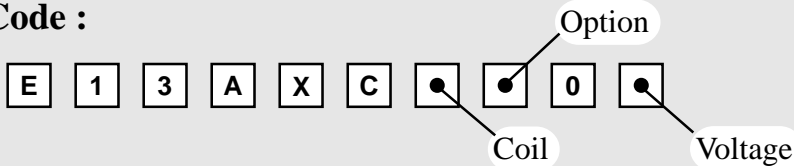
Features

- Direct mounting to all valves meeting CNOMO fixing dimensions.
- Interchangeable coils, including various hazardous area options.
- Pilot Exhaust Dust Caps fitted as standard.



Valve is illustrated with a EExd Flameproof Coil

Product Code :



See below for product code details
Any of the below options that are not required enter '0' in relevant box.

Coil

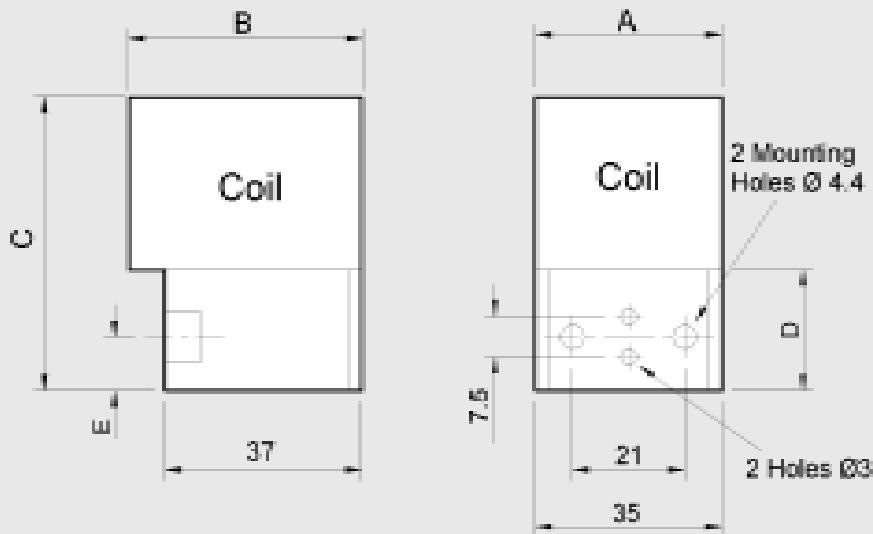
Coil:	Code:	Coil:	Code:
EExia (BASEEFA)	A	ExN	N
EExia (FM)	U	Plug & Socket	P
EExia (SAA)	W	MC30 Plug & Socket	K
EExia (CSA)	V	Terminal Box	B
EExd	D		
EExm	9		

Option

Options:	Code:
Screwdriver Override (Standard)	S
No Option Required	0

Voltage

Voltage:	Code:	Voltage:	Code:
12v DC	A	24v AC (50/60 Hz)	R
12v DC Low Power	G	48v AC (50/60 Hz)	S
24v DC	B	110v AC (50/60 Hz)	T
24v DC Low Power	H	240v AC (50/60 Hz)	U
		415v AC (50/60 Hz)	3



Coil Type	Dimensions (mm)				
	A	B	C	D	E
Plug & Socket	35	77	75	22.5	10
MC30 Coil	30	65	75	22.5	10
Terminal Box	35	77	65	22.5	10
ExN	35	77	65	22.5	10
EExd	52	107	85	22.5	10
EExia	35	107	65	34	14
EExm	35	87	72	34	14

Material Specification	Standard
Body	Natural Anodised Aluminium (Dural)
Jet	Brass

Non-Standard Features and Options

There are non-standard alternatives available in addition to those listed within this datasheet for:

- Material Specification
- Valve Specification
- Options
- Voltages

Please refer to Section 9 in this catalogue for details of these alternatives.

Valve Specification	Standard
Working Pressure	0 to 8 bar
Cv Factor	0.06 (0.04 Intrinsically safe coil)
Flow Rate (at 6 bar with 1 bar pressure drop)	62 l/min
Flow Rate (at 6 bar with 1 bar pressure drop)	42 l/min (Intrinsically safe coil)
Maximum Ambient Temperature	+60°C
Minimum Working Temperature	-10°C

Coil Type	Plug & Socket	Terminal Box	ExN	EExd	EExm	EExia
Area Class	Safe	Safe	Zone 2	Zones 1 & 2	Zones 1 & 2	Zones 0, 1 & 2
Area Category	N/A	N/A	ExN II T4/T6	EExd IIC T4/T6	EExm IIC T5	EExia IIC T6
Ingress Protection	IP65	IP65	IP65	IP66	IP65	IP65
Cable Entry	PG.9	M20 x 1.5	M20 x 1.5	M20 x 1.5	Flying Leads	M20 x 1.5
Ambient Temp.	-10 to 60 C	-10 to 60 C	-10 to 40 C	-10 to 40 C	-10 to 65 C	-10 to 65 C
Coil Class	F	F	F	F	F	F