NAMUR Mounted, Type C25, 'P' Series Solenoid Valve RG



Description

Solenoid valve designed for direct mounting onto \$^1/4\$ turn pneumatically operated valve actuators meeting 'NAMUR' standard fixing dimensions.

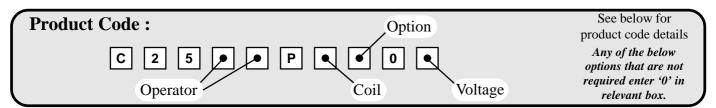
Features

- Interchangeable CNOMO interface coil units, including various hazardous area options.
- Side face air connection.
- 1/4"BSP mains air connection and 1/4"BSP exhaust ports.
- Recirculating air to spring end of actuator. (ETS)
- Single coil spring return function or double coil stay put function.
- Pilot Exhaust Dust Caps fitted as standard.

Conversion Facility

• Built in 3/2 (ETS) to 5/2 function conversion facility for spring return and double acting actuators respectively. (see reverse)

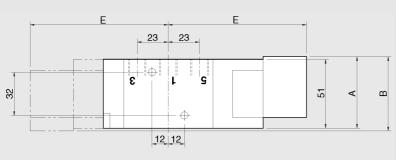


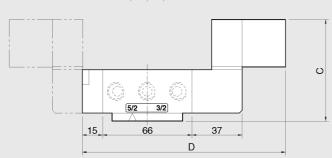


Operator			Option			
Options:	(Code:	Options:			Code:
Spring return, internal pilot air feed 1 8		Screw Driver Override (Standard)			S	
photan reed			Lever manual ov	erride		С
Spring return, external pilot air connection			No Option Required			0
Double solenoid, internal pilot air feed		1 9				
Double colonoid automal						
Double solenoid, external pilot air connection						
Coil			Voltage			
Coil: Code:	Coil:	Code:	Voltage:	Code:	Voltage:	Code:
EExia (BASEEFA)	EExm	9	12v DC	Α	24v AC (50/6	00 Hz) R
EExia (FM)	ExN	N	12v DC Low P	ower G	48v AC (50/6	0 Hz) S
EExia (SAA)	Plug & Socket	Р	24v DC	В	110v AC (50/	(60 Hz) T
EExia (CSA)	MC30 Plug & Soc		24v DC Low P		240v AC (50/	
EExd D	Terminal Box	В	No Voltage (no	coil) 0	415v AC (50/	(60 Hz) 3
No Coil Unit 0						

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Conversion Facility:

Valve is fitted with a change over plate which allows the valve to be converted from 3/2 to 5/2 function quickly and easily.





	Dimensions (mm)				
Coil Type	Α	В	C	D	Е
Plug & Socket	84	116	76	173	125
MC30 Coil	78	104	73	172	124
Terminal Box	74	96	76	173	125
ExN	74	96	76	173	125
EExd	94	136	84	193	145
EExia	74	96	76	188	140
EExm	81	110	76	178	130

Material Specification	Standard		
Body and End Caps	Black Anodised Aluminium (Dural)		
Spool	Hard Anodised Aluminium PTFE impregnated		
Jet	Brass		
Spacers	Glass filled Acetal		
Seals	Nitrile		
Spring	Stainless Steel		
Mounting Screws	Stainless Steel		
Change over plate	Nylon 66 30% glass filled		
Gasket	Nitrile		

Valve Specification	Standard
Port Connection Size	1/4"BSP
Working Pressure Internal Pilot Version	3 to 8 bar
Working Pressure External Pilot Version	0 to 8 bar
Minimum External Pilot Pressure	3 bar
Cv Factor	1.2
Flow Rate (at 6 bar with 1 bar pressure drop)	1246 l/min
Maximum Ambient Temperature	+60°C
Minimum Working Temperature	-10°C

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.

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