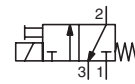




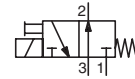
SOLENOID VALVES

ISO 15218 (CNOMO, size 30) interface
direct operated, pad mounting body
subbases for instant fittings or 1/8 thread

NC



NO



3/2
Series
189

FEATURES

- CNOMO pad-mount version for valve piloting applications
- Compact size and low weight for easy installation on single or joinable subbases
- AC/DC interchangeability of the solenoid operator without any need for disassembly of the valve
- Version with M12 connection with visual indication and peak voltage suppression conforming to "UL" standards
- Flexible installation on joinable subbases
- Manual operator as standard
- The solenoid valves satisfy all relevant EU directives

GENERAL

Differential pressure See "SPECIFICATIONS" [1 bar = 100 kPa]
Response time 5 - 10 ms

fluids (*)	temperature range (TS)	seal materials (*)
air, inert gas	-10°C to +60°C	NBR (nitrile)

MATERIALS IN CONTACT WITH FLUID

(*) Ensure that the compatibility of the fluids in contact with the materials is verified

Body	PA, glass-filled
Core tube	Stainless steel
Core and plugnut	Stainless steel
Internal parts, springs	Stainless steel
Seals	NBR
Shading coil	Copper

CONSTRUCTION

Mounting pad ISO 15218 (CNOMO 06-05-80 / NF E 49066, size 30)

ELECTRICAL CHARACTERISTICS

Coil insulation class F
Connector Spade plug (cable Ø 6-8 mm) or M12
Connector specification DIN 43650, 11 mm, industry standard B or CNOMO E03.62.520.N (M12)

Electrical safety

Electrical enclosure protection Moulded IP65 (EN 60529)
Standard voltages DC (=): 24V - 48V (M12: 24V + LED and protection)
AC (~): 24V - 48V - 115V - 230V / 50 Hz

	power ratings				operator ambient temperature range (TS) (C°)	replacement coil		type ⁽¹⁾
	inrush ~	holding ~	hot/cold =	~		=		
	(VA)	(VA)	(W)				(W)	
-	6	3,5	2,5	2,5 / 3	-10 to +60	230 V/50 Hz	24 V DC	01
-	-	-	-	-	-	43004422	43004166	06
-	-	-	-	-	-	-	43005523	-

⁽¹⁾ Refer to the dimensional drawings on the following page.

SPECIFICATIONS

pipe size	orifice size		flow coefficient Kv				operating pressure differential (bar)				power coil (W)		catalogue number	
	1 → 2	2 → 3	1 → 2		2 → 3		min.	max. (PS)		~	=	with maintained manual operator		
	(mm)	(mm)	(m³/h)	(l/min)	(m³/h)	(l/min)		air (*)	DIN connector			M12 connection		
NC - Normally closed														
pad mounting ⁽²⁾	1,2	1,5	0,042	0,7	0,048	0,8	0	10	10	2,5	3	18900001	-	
										-	3	-	18900073	
NO - Normally open														
pad mounting ⁽²⁾	1,2	1,5	0,042	0,7	0,036	0,6	0	6 ⁽⁵⁾	6 ⁽⁵⁾	2,5	3	18900010	-	
										-	3	-	18900075	

SUBBASES

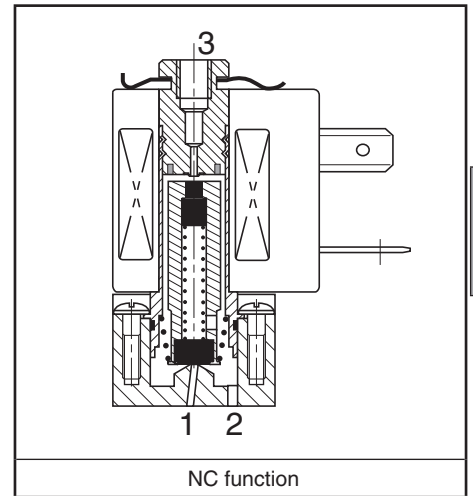
pipe size	designation	composition	catalogue number
6/6 polyamide subbases			
instant fittings ⁽³⁾	single subbase (instant fittings OD 4 mm)		35300069
	joinable subbase (instant fittings OD 4 mm)		35300070
	set of 2 joinable end subbases, right-hand pressure intake, endpieces with instant fittings OD 6 mm		35300071
	set of 2 joinable end subbases, right-hand and/or left-hand pressure intake, endpieces with instant fittings OD 6 mm		35300072 ⁽⁴⁾
Zamak subbases			
G 1/8 ⁽³⁾ tapped	laterally-connected single subbase		35300047
	laterally-connected joinable subbase		35300048

⁽²⁾ Port 3: M5.

⁽³⁾ These subbases can be mounted on omega rail to EN 50022 using 2 clips (clips sold in packs of 10, catalogue number: 33400036).

⁽⁴⁾ The equipment can be used for two different pressure intakes, supplied with one blanking plug to cover unused port.

⁽⁵⁾ 10 bar on request (with 5W/6,9W coil)



E



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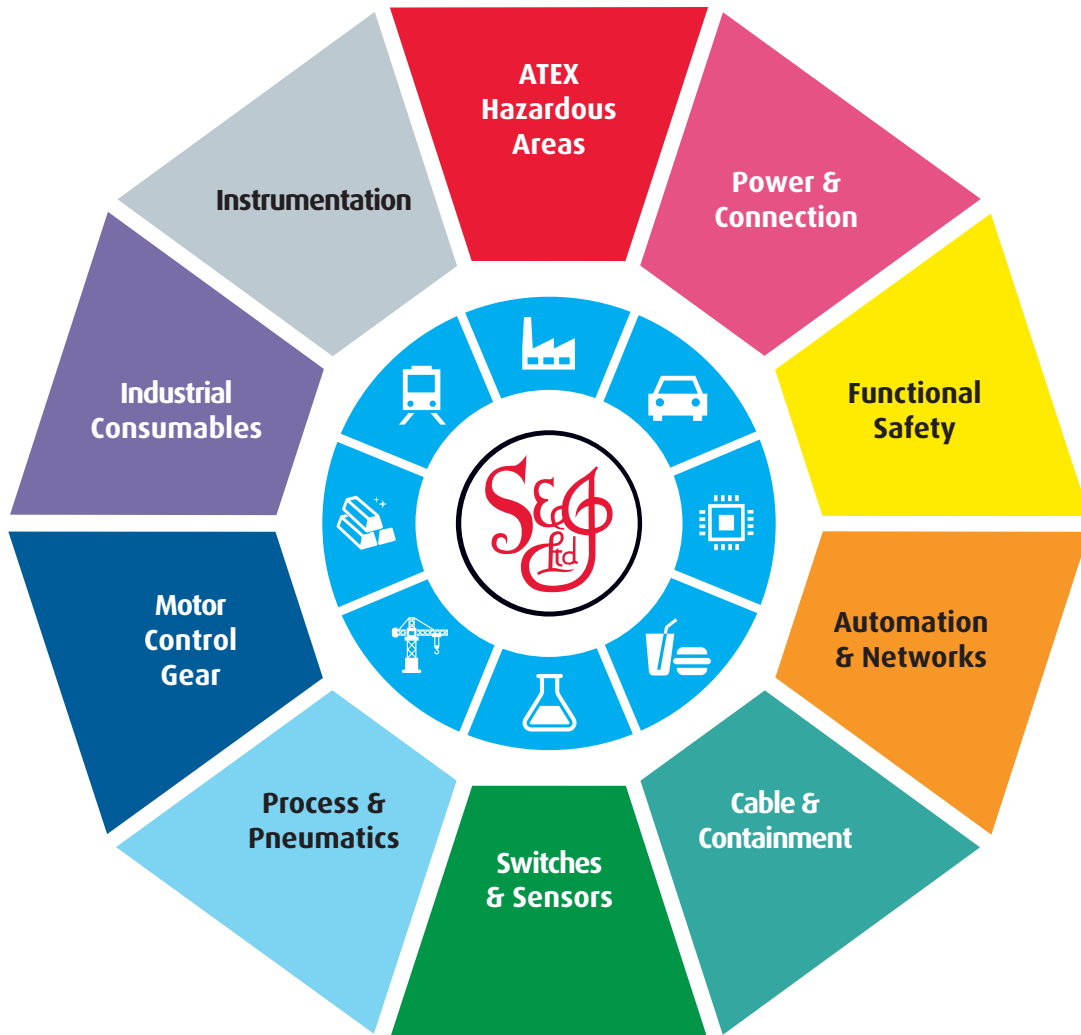
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