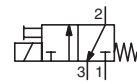




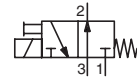
SOLENOID VALVES

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]
Maximum allowable pressure 16 bar
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 IEC 335
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)		230 V/50 Hz	24 V DC	
-	6	3,5	2,5	2,5 / 3	-10 to + 60	43004422	43004166	01
-	-	-	-	-	-	-	43005523	06

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

SPECIFICATIONS

pipe size	orifice size		flow at 6 bar l/min (ANR)		flow coefficient Kv		operating pressure differential (bar)			power coil (W)		catalogue number		
	1 → 2	2 → 3	1 → 2	2 → 3	1 → 2	2 → 3	min.	max. (PS)		~	=	with maintained manual operator		
	(mm)	(mm)	(l/min)	(l/min)	(l/min)	(l/min)		air (*)	~			=	with connector	without connector
NC - Normally closed														
pad mounting ⁽²⁾	1,2	1,5	50	56	0,7	0,8	0	10	10	2,5	3	18900001	18900002	-
										-	3	-	-	18900073
NO - Normally open														
pad mounting ⁽²⁾	1,2	1,5	40	50	0,7	0,6	0	6 ⁽⁵⁾	6 ⁽⁵⁾	2,5	3	18900010	18900011	-
										-	3	-	-	18900075

EMBASES

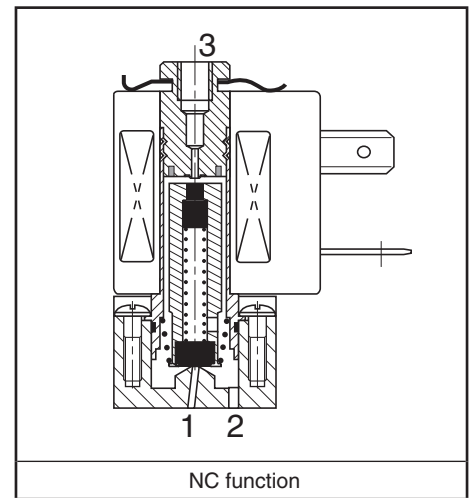
pipe size	designation	composition	catalogue number
6/6 polyamide subbases			
instant fittings ⁽³⁾	single subbase (instant fittings OD 4 mm)		35300069
	joinable subbase (instant fittings OD 4 mm)		35300070
	set of 2 joinable end subbases, right-hand pressure intake, endpieces with instant fittings OD 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)



NC function



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk