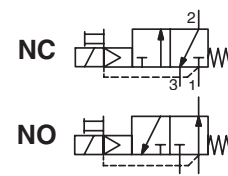


POPPET VALVES

solenoid air operated
single solenoid (monostable function)
pad mounting body, 1/4 - 3/8 subbases



3/2
Series
261-262
Type
DM

FEATURES

- CNOMO pad-mount version for valve piloting applications
- Flexible installation on joinable subbases
- The solenoid air poppet valves satisfy all relevant EU directives

GENERAL

Operating pressure

2 - 10 bar [1 bar = 100 kPa]

Pilot pressure

In external supply, the pilot pressure must be equal to or greater than the pressure in the valve

fluids (*)	temperature range (TS)	seal materials (*)
air, inert gas, lubricated or not	- 10°C to + 60°C	NBR (nitrile) PUR (polyurethane)

MATERIALS IN CONTACT WITH FLUID

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

Body

Poppet valves

189/190 pilots

Disc

Light alloy, treated

PA, glass-filled

Core, core tube and plugnut

PUR

NBR

Internal parts, springs

Steel, light alloy, POM

Stainless steel

Seals

NBR

NBR

Shading coil

-

Copper

CONSTRUCTION

Mounting pad (189/190 pilots) ISO 15218 (CNOMO 06-05-80 / NF E 49066, size 30)
(subbases) CNOMO 05-05-81/05-05-82 / NF E 49066

ELECTRICAL CHARACTERISTICS (PILOTS)

Coil insulation class

F

Connector

189 pilot

Spade plug (cable Ø 6-8 mm)

190 pilot

Spade plug (cable Ø 6-10 mm)

Connector specification

189 pilot

EN 175301-803, industry standard form B (11 mm)

190 pilot

ISO 4400 / EN 175301-803, form A

Electrical safety

IEC 335

Electrical enclosure protection

Moulded IP65 (EN 60529)

Standard voltages

DC (=): 24V - 48V

(Other voltages and 60 Hz on request)

AC (~): 24V - 48V - 115V - 230V / 50 Hz

pilot	power ratings				operator ambient temperature range (TS)	replacement coil		type ⁽¹⁾
	inrush ~	holding ~		hot/cold =		~	=	
	(VA)	(VA)	(W)	(W)		(C°)	230 V/50 Hz	
189	6	3,5	2,5	2,5 / 3	-10 to + 60	43004422	43004166	01..04
190	9	4	3	3 / 3	-10 to + 60	43004472	43004473	

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

SPECIFICATIONS

pipe size	orifice size	flow at 6,3 bar	flow coefficient Kv	operating pressure (bar)		catalogue number (2 catalogue numbers)		without man. operator	man. maintained operator	impulse man. operator	power coil (pilot) (W)		reference		
				min.	max. (PS)	poppet valve (without pilot)	+ pilot (with connector) ~/=								
					air (*)										
	(G)	(mm)	l/min (ANR)	(l/min)		~	=		~	=					
NC - Normally closed															
pad mounting (2)	1/4	8	700	10	2	10	26190067	+	18900001		●		2,5	3	G/DMP 301/O
	3/8	12	1750	25	2	10	26290352		19000005	×			3	3	
									19000006		●		3	3	G/DMP 302/O
									19000017		▼		3	3	
NO - Normally open															
pad mounting (2)	1/4	8	700	10	2	10	26190068	+	18900001		●		2,5	3	G/DMP 301/F
	3/8	12	1750	25	2	10	26290353		19000005	×			3	3	
									19000006		●		3	3	G/DMP 302/F
									19000017		▼		3	3	

SUBBASES

pipe size	designation	composition	catalogue number
Zamak subbases			
tapped (G) (3)	1/4	laterally-connected single subbase (3 connectable lateral ports)	35300049
	1/4	laterally-connected joinable subbase (3 connectable lateral ports)	35300057
	3/8	laterally-connected single subbase (3 connectable lateral ports)	35700002
	3/8	laterally-connected joinable subbase (3 connectable lateral ports)	35700010

⁽²⁾ Port 3: M5 (189/190 pilots).

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

All leaflets are available on: www.asco.com