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

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

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: 24 V + LED and protection)
AC (~): 24V - 48V - 115V - 230V / 50 Hz

Pipe Size
Orifice Size
Flow Coefficient
Kv
Operating Pressure
Differentiation (bar)
Power Coil (W)
Catalogue Number
NC - Normally closed
pad mounting (1)
1.2 1.5 0.042 0.7 0.048 0.8
0 10 10 2.5 3 18900001
- 6 3 1890076
NO - Normally open
pad mounting (1)
1.2 1.5 0.042 0.7 0.036 0.6
0 6 6 2.5 3 18900010
- 3 1890075

Specifications

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>Orifice Size</th>
<th>Flow Coefficient</th>
<th>Operating Pressure Differentiation (bar)</th>
<th>Power Coil (W)</th>
<th>Catalogue Number</th>
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<tbody>
<tr>
<td>6/6 Polyamide Subbases</td>
<td>Single Subbase (instant fittings OD 4 mm)</td>
<td>35300069</td>
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<td>Joinal Subbase (instant fittings OD 4 mm)</td>
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<td>instant fittings (2)</td>
<td>Set of 2 Joinable End Subbases, Right-hand Pressure Intake, Endpieces with Instant Fittings OD 6 mm</td>
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<td>Set of 2 Joinable End Subbases, Left-hand Pressure Intake, Endpieces with Instant Fittings OD 6 mm</td>
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<tr>
<td>Zamak Subbases</td>
<td>G1/8 (3) Tapped</td>
<td>35300047</td>
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<td>Laterally-Connected Single Subbase</td>
<td>35300048</td>
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</table>

1. Refer to the dimensional drawings on the following page.
2. These subbases can be mounted on omega rail to EN 50022 using 2 clips (clips sold in packs of 10, catalogue number: 33400036).
3. The equipment can be used for two different pressure intakes, supplied with one blanking plug to cover unused port.
4. 10 bar on request (with 5W/6,9W coil).

All leaflets are available on: www.asco.com

V585-1
OPTIONS
• Explosionproof enclosures for use in zones 1/21-2/22, categories 2-3 to ATEX Directive 2014/34/EU (see "Explosionproof solenoids" section)
• Straight M12 connector (IP67 protection with connector correctly installed), with 5 m cable: catalogue number 88130212
• Right-angle M12 connector (IP67 protection with connector correctly installed), with 5 m cable: catalogue number 86130213
• M5 flow control regulator to fit port 3, catalogue number: 34600380
• Plug with visual indication and peak voltage suppression or with cable length of 2 m (see Solenoids, Coils & Accessories section)

INSTALLATION
• The solenoid valves can be mounted in any position without affecting operation
• Mounting on single or joinable subbases
• ATEX 2014/34/EU versions (options "SG" and "PV") can be installed on single (all versions) or joinable zink diecast subbases
• Pipe connections 1/8 have standard thread according to ISO 228/1
• Installation/maintenance instructions are included with each valve
• A manual operator is optional. For DIN rail mounting:
  • Locked by sunk set screws.
  • Joinable subbases assembled with adapter locked by sunk set screws.
  • For DIN rail mounting: see type 03.

DIMENSIONS (mm), WEIGHT (kg)

<table>
<thead>
<tr>
<th>TYPE 01-06</th>
<th>TYPE 02</th>
<th>TYPE 03</th>
<th>TYPE 04</th>
<th>TYPE 05</th>
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<tbody>
<tr>
<td>Spade plug / M12</td>
<td>Single instant fitting subbase</td>
<td>Joinable instant fitting subbase</td>
<td>Single subbase</td>
<td>Joinable subbase</td>
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<tr>
<td>IEC 335 / DIN 43650 / E03.62.520.N</td>
<td>Polyamide</td>
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<td>IP65</td>
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ORDERING EXAMPLES:

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<tr>
<th>Type</th>
<th>Number of Subbases</th>
<th>Type 03</th>
<th>Type 05</th>
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Including seals, set screws and joining unit.