MINI-SOLENOID VALVES
non-sparking protection
II 3G Ex nA IIC T6. T4 Gc. II 3D Ex tc IIC IP65 T85°C..T135°C Dc
ISO 15218 (CNOMO, size 15) interface
direct operated, pad mounting body, connector size 15

FEATURES
- Mini-low consumption valves for use in potentially explosive atmospheres according to ATEX-Directive 2014/34/EU
- EC type examination certificate (INERIS 10 ATEX 3016X) is in compliance with the European Standards EN 60079-0, EN 60079-15 and EN 60079-31
- Compact, monobloc solenoid pilot valve with spade-plug connector type DIN 43650, form C with 9,4 mm spacing
- Version without integrated LED and electrical protection
- Universal version for vacuum operation (3/2 way)

GENERAL
Differential pressure
See «SPECIFICATIONS» [1 bar = 100 kPa]
Pneumatic base
ISO 15218 (CNOMO E06.36.120N, size 15)
Connection
Subbase
Response time
8 - 15 ms

MATERIALS IN CONTACT WITH FLUID
Ensure that the compatibility of the fluids in contact with the materials is verified

Body
PARA
Internal parts
POM, PET, stainless steel and brass
Seals
NBR (disc), FPM (others)
Pneumatic interface seal
TPE

ELECTRICAL CHARACTERISTICS
Coil insulation class
F II 3G Ex nA IIC T6..T4 Gc
II 3D Ex tc IIIC IP65 T85°C..T135°C Dc
Connector
Spade plug (2 m cable length)
Connector specification
DIN 43650, 9,4 mm, form C
Electrical safety
IEC 335
Electrical enclosure protection
Moulded IP65 (EN 60529)
Standard voltages
DC (=) : 24V (Other voltages on request) AC (~): Contact us

SPECIFICATIONS

When ordering, please specify, in addition to the basic catalogue number, the type of current: voltage
Examples: 24V DC: 3021109NAD 24V AC

All leaflets are available on: www.asconumatics.eu
### OPTIONS AND ACCESSORIES

- Seals and disc made of FPM (fluoroelastomer)
- Version without manual operator
- Version with pneumatic-electric interface

### INSTALLATION

- Multi language installation/maintenance instructions are included with each valve
- The solenoid valves can be mounted in any position without affecting operation
- Pre-wired connector, supplied and certified with the product (DIN 43650, 9,4 mm, form C, with 2 m cable length). For connection, only use the connector supplied with the product
- Solenoid valve supplied with mounting screws and mounting pad seal(s)

### DIMENSIONS (mm), WEIGHT (kg)

**TYPE 01:**
CFSCZN
302 pilot
Polyarylamide
IEC 335 / DIN 43650

<table>
<thead>
<tr>
<th>Function</th>
<th>Connection</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
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<tbody>
<tr>
<td>2/2 way</td>
<td>NC</td>
<td>P</td>
<td>U</td>
<td>-</td>
</tr>
<tr>
<td>3/2 way</td>
<td>NC</td>
<td>P</td>
<td>U</td>
<td>E</td>
</tr>
<tr>
<td></td>
<td>NO</td>
<td>E</td>
<td>U</td>
<td>P</td>
</tr>
<tr>
<td></td>
<td>MIX</td>
<td>P2</td>
<td>U</td>
<td>P1</td>
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<tr>
<td></td>
<td>SEL</td>
<td>U2</td>
<td>P</td>
<td>U1</td>
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</table>

**Subbase mounting surface:** ISO 15218
(CNOMO E06.36.120N, size 15)

<table>
<thead>
<tr>
<th>Subbase material</th>
<th>Catalogue number</th>
<th>Weight (1)</th>
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<tbody>
<tr>
<td>Aluminium</td>
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<tr>
<td>Brass</td>
<td>30300001</td>
<td>0.034</td>
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</table>

**Adapter CNOMO size 30**
(only for NC version)
Aluminium

<table>
<thead>
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<th>Catalogue number</th>
<th>Weight (2)</th>
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<tr>
<td>88263001</td>
<td>0.018</td>
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</tbody>
</table>

(1) with connector. (2) adapter alone

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**Single subbase**
Aluminium or brass

1. Mounting: 2 holes M3, depth 4,5
2. Orifice (2) can be connected on the left or on the right of the subbase.