FEATURES
- Compact size and light weight simplify assembly on single or joinable subbases
- AC/DC interchangeability of the solenoid without disassembly of the valve
- Flexible installation on joinable subbases
- Manual operator allows an easy installation
- The solenoid valves satisfy all relevant EU directives

GENERAL
Differential pressure
See «SPECIFICATIONS» [1 bar = 100 kPa]
Maximum viscosity
40 cSt (mm²/s)
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 and subbases
PPS
Core tube
Brass
Internal parts, springs
Stainless steel
Seals
NBR or FPM
Subbase seals
FPM
Shading coil
Copper

ELECTRICAL CHARACTERISTICS
Coil insulation class
F
Connector
Spade plug (cable Ø 6-8 mm)
Connector specification
DIN 43650, 11 mm, industry standard B
Electrical safety
IEC 335
Electrical enclosure protection
Moulded IP65 (EN 60529)
Standard voltages
DC (=) : 24V - 48V
AC (~) : 24V - 48V - 115V - 230V / 50 Hz

SPECIFICATIONS
<table>
<thead>
<tr>
<th>pipe size</th>
<th>orifice size</th>
<th>flow coefficient Kv</th>
<th>operating pressure differential (bar)</th>
<th>power coil (W)</th>
<th>catalogue number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NC - Normally closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pad mounting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>0,02</td>
<td>0,4</td>
<td>0</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>1,5</td>
<td>0,04</td>
<td>0,7</td>
<td>0</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>2,5</td>
<td>0,06</td>
<td>1</td>
<td>0</td>
<td>4,5</td>
<td>2</td>
</tr>
</tbody>
</table>

SUBBASES
<table>
<thead>
<tr>
<th>pipe size</th>
<th>mounting type</th>
<th>designation</th>
<th>composition</th>
<th>catalogue number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/6 polyamide subbases</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M5 subbases</td>
<td>Individual mounting</td>
<td>Single subbase + two ends. Pressure to right, G 1/8</td>
<td>M5</td>
<td>36100009</td>
</tr>
<tr>
<td>G 1/8 ends</td>
<td>Assembly of 2 to 10 joinable subbases</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Set of 2 joinable subbases with ends. Pressure to right, G 1/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Set of 2 joinable subbases with ends. Pressure to right and/or left, G 1/8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

• Explosionproof enclosures for use in zones 1/21-2/22, categories 2-3 to ATEX Directive 2014/34/EU (see “Explosionproof solenoids” section)
• Compliance with “UL”, “CSA” standards are available
• Oxygen service, used option catalogue number: 970517
• 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 94/9/EC versions can be installed on single subbases (all versions) or joinable zamak subbases (options “SCDU” and “PV”)
• Pipe connections 1/8 have standard thread according to ISO 228/1
• Installation/maintenance instructions are included with each valve

ORDERING EXAMPLES:

<table>
<thead>
<tr>
<th>Catalogue Number</th>
<th>Voltage/Hz</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>10800001</td>
<td>230V/50Hz</td>
<td></td>
</tr>
<tr>
<td>10800004</td>
<td>24V/DC</td>
<td></td>
</tr>
</tbody>
</table>

DIMENSIONS (mm), WEIGHT (kg)

TYPE 01
Prefix “SC” Solenoid
Epoxy moulded
IEC 335 / DIN 43650 / IP65
weight : 0.100

JOINABLE SUBBASE G 1/8
PPS

<table>
<thead>
<tr>
<th>Catalogue Number</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>36100005 / 36100032</td>
<td>27 x 67 x 65</td>
<td>1.88</td>
</tr>
</tbody>
</table>

SUBBASE MOUNTING PATTERN

Manual operator side
Outline of solenoid valve
Two dia. 2,7 mm holes
Two M3 holes, min. depth 8 mm

Manual operator location
2 M3 x 20 screws
Clips

Screw pattern

2 dia. 4,5 mm holes
2 locking U-pieces

Joinable subbase (catalogue number: 36100004 )
Polarizer
Tapped endpiece

O-ring
Joinable subbases with tapped endpieces (catalogue number: 36100005 )

<table>
<thead>
<tr>
<th>Number of Subbases</th>
<th>A</th>
<th>B</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>72</td>
<td>56</td>
<td>0.300</td>
</tr>
<tr>
<td>3</td>
<td>95</td>
<td>79</td>
<td>0.420</td>
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<tr>
<td>4</td>
<td>118</td>
<td>102</td>
<td>0.540</td>
</tr>
<tr>
<td>5</td>
<td>141</td>
<td>125</td>
<td>0.660</td>
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<tr>
<td>6</td>
<td>164</td>
<td>148</td>
<td>0.780</td>
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<tr>
<td>+1</td>
<td>+23</td>
<td>+23</td>
<td>+0.120</td>
</tr>
</tbody>
</table>

(1) including coils, connectors and joinable endpieces.