FEATURES
- Very small size and easy assembly
- Mixing or distributing function
- AC/DC interchangeability of the solenoid without disassembling the valve
- Quick disassembly of core tube for easy maintenance of internal parts
- Standard disc seal made of FPM suitable for a wide range of operating temperatures and compatible with many fluids
- Compliance with UL and CSA standards
- 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
Manifold body Brass
Core tube Stainless steel
Core and plugnut Stainless steel
Springs Stainless steel
Seat Brass
Seals FPM
Disc FPM
Shading coil Copper

ELECTRICAL CHARACTERISTICS
Coil insulation class F
Connector Spade plug (cable Ø 6-8 mm)
Connector specification DIN 43650, 11 mm, norma industrial B
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

SPECIFICATIONS
Pipe size Orifice size Flow coefficient Kv operating pressure differential (bar) Power coil (W) Catalogue number Options
1/8 ( ) 1.6 0.08 1.33 0 20 12 20 12 4 6,9
2 SCG256B819V E - -
3 SCG256B820V E - -
4 SCG256B821V E - -
5 SCG256B822V E - -
6 SCG256B823V E - -
7 SCG256B824V E - -
8 SCG256B825V E - -
9 SCG256B826V E - -
10 SCG256B827V E - -
2 SCG256B855V E - -
3 SCG256B856V E - -
4 SCG256B857V E - -
5 SCG256B858V E - -
6 SCG256B859V E - -
7 SCG256B860V E - -
8 SCG256B861V E - -
9 SCG256B862V E - -
10 SCG256B863V E - -

1 ( ) Refer to the dimensional drawings on the following page.
2 Duty cycle: 50% (30 min)
3 Pipe size port 2: M5

All leaflets are available on: www.asco.com
OPTIONS

- Valves can also be supplied with EPDM (ethylene-propylene) seals and discs. Use the appropriate optional suffix letter for identification
- Flying leads coil, use prefix L (e.g., LG256B822V)
- Oxygen service with seals and disc in FPM, suffix NV, example: SCG256B822NV
- NC, orifice sizes 1.2 mm and 2 mm
- NO, orifice size 1.6 mm
- Stainless steel manifold bodies, NC and NO, on request
- Other pipe connections are available on request
- 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
- Multiple manifold solenoid valves have 2 mounting holes in body
- Pipe connection identifier is G = G (ISO 228/1)
- Installation/maintenance instructions are included with each valve

SPARE PARTS KIT

<table>
<thead>
<tr>
<th>catalogue number</th>
<th>spare parts kit no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>all</td>
<td>C140262V</td>
</tr>
</tbody>
</table>

(1) Standard prefixes/suffixes are also applicable to kits.

ORDERING EXAMPLES:

<table>
<thead>
<tr>
<th>prefix</th>
<th>pipe thread</th>
<th>voltage</th>
<th>suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC</td>
<td>G 256 B 821</td>
<td>230V / 50 Hz</td>
<td>V</td>
</tr>
<tr>
<td>SC</td>
<td>G 256 B 826</td>
<td>115V / 50 Hz</td>
<td>E</td>
</tr>
<tr>
<td>SC</td>
<td>G 256 B 857 NV</td>
<td>24V / DC</td>
<td>NV</td>
</tr>
<tr>
<td>SC</td>
<td>G 256 B 863</td>
<td>230V / 50 Hz</td>
<td>V</td>
</tr>
</tbody>
</table>

ORDERING EXAMPLES KITS:

<table>
<thead>
<tr>
<th>basic number</th>
<th>suffix</th>
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<tr>
<td>C140262</td>
<td>V(1)</td>
</tr>
<tr>
<td>C140262</td>
<td>E</td>
</tr>
</tbody>
</table>

DIMENSIONS (mm), WEIGHT (kg)

TYPE 01

Prefix “SC” Solenoid
Epoxy moulded
Integrated in manifold
IEC 335 / DIN 43650, IP65

<table>
<thead>
<tr>
<th>type</th>
<th>prefix</th>
<th>option</th>
<th>weight (2)</th>
<th>number of solenoid valves (n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>SC</td>
<td></td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

(1) Incl. coil(s) and connector(s)

All leaflets are available on: www.asco.com

V297-2