FEATURES
- Compact and low weight valve enabling easy installation
- AC/DC interchangeability of the solenoid head without any need for disassembly of the valve
- The solenoid valves satisfy all relevant EU directives

GENERAL
Differential pressure
Maximum viscosity
Response time
Fluids (+) temperature range (TS) seal materials (+)
Air, inert gas, water, oil
-25°C to +80°C
NBR (nitrile)

MATERIALS IN CONTACT WITH FLUID
(+) Ensure that the compatibility of the fluids in contact with the materials is verified
- Body: Brass, AISI 316L (1.4404)
- Internal parts: Stainless steel
- Springs: Stainless steel
- Seat: Brass and stainless steel
- Seals: NBR
- Shading coil: Copper

ELECTRICAL CHARACTERISTICS
- Coil insulation class: F
- Connector: Spade plug (cable Ø 6-10 mm)
- Connector specification: ISO 4400 / EN 175301-803, form A
- Electrical safety: IEC 335
- Electrical enclosure protection: Moulded IP65 (EN 60529)
- Standard voltages:
  - DC (=): 24V - 48V

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>
<th>options</th>
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</tbody>
</table>

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

- Valves can also be supplied with FPM (fluoroelastomer) and EPDM (ethylene-propylene) seals and discs. Use the appropriate optional suffix letter for identification
- Waterproof enclosure with embedded screw terminal coil according to protection class IP67, CEE-10 (prefix WP or WS)
- 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” and other local approvals available on request
- Oxygen service with seals and disc in FPM, suffix N, example: SCE272A016 NV
- 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
- Brass solenoid valves have 2 mounting holes in body
- Pipe connections 1/4” (G*) have standard combination thread according to ISO 228/1 and ISO 7/1. Pipe connections G 1/8 have standard thread according to ISO 228/1
- Installation/maintenance instructions are included with each valve

SPARE PARTS KIT

<table>
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<th>catalogue number</th>
<th>spare parts kit no.</th>
<th>maintained man. operator</th>
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<tbody>
<tr>
<td>SCE272A016/017/018</td>
<td>C140040/C140040/C140048</td>
<td>SC E 272 A 016 MS 230V/50 Hz</td>
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<td>SC E 272 A 046 V 115V/50 Hz</td>
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(1) Standard suffixes E and V are also applicable to kits.
- Not available

ORDERING EXAMPLES:

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<th>type</th>
<th>prefix option</th>
<th>catalogue number</th>
<th>weight (kg)</th>
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<td>0,60</td>
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</tbody>
</table>

- including coil and connector.

DIMENSIONS (mm), WEIGHT (kg)

TYPE 01
Prefix “SC” Solenoid
Epoxy moulded
IEC 335 / ISO 4400
IP65

SCE272A016/017/018/019/020

SCE272A022

SCE272A046/047/048/049/050

SCE272A052

2 mounting holes Ø M4, depth 6 mm.
Manual operator location.