Solenoid operated valves pilot operated poppet type
2-way normally open proximity sensor
Common cavity, Size 08
VEI-8A-2A-06-NA-S-M-NSS

**Technical data**

**General**
- Weight: 0.75 kg (1.65 lbs)
- Installation orientation: Optional
- Ambient temperature range: -25 to 60 °C (-13 to 140 °F)

**Hydraulic**
- Max. operating pressure: 350 bar (5000 psi)
- Flow range: 2.5 - 40 l/min (0.66 - 11 gpm)
- Max. internal leakage: 15 drops/min.
- Fluid temperature range: -20 to 80 °C (-4 to 176 °F)

**Fluids:** Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)

**Installation torque:** 30 - 35 Nm (22 - 26 ft-lbs)

**Recommended degree of fluid contamination:** Nominal value max. 10 µm (NAS 8) ISO 4406 19/17/14

**MTTFd:** 150 years see RE 18350-51

**Cavity:** CA-08A-2N see 18325-70

**Lines bodies and standard assemblies:** Please refer to section "Hydraulic integrated circuit" or consult factory

**Seal kit - version 06:** code material no. RG08A2010520100
- R930001696

**Other technical data:** See data sheet 18350-50

**Electrical**
- Type of voltage: DC voltage
- Coil type: S8-356 see 18325-90
- Supply voltage: see data sheet 18325-90
- Nominal voltage: ± 10%
- Power consumption: 20 W
- Duty cycle coil: 100 % see 18325-90
- Type of protection: See data sheet 18325-90

Please consider that a proper function of the valve is guaranteed only if the position of the monitor is not modified; each cartridge is provided of a torque confirmation mark, intended as anti-tampering device.

Sensor is protected against short circuit polarity inversion.
Ordering code

OD.15 06 18 2DS2 Z

Solenoid operated valves
pilot operated poppet type
2-way normally open proximity sensor

OB 12 V DC
OC 24 V DC

Note: please consult factory for different voltages.

Common cavity: CA-08A-2N

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<td>OD1506182DS2OC</td>
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Characteristic curves

Version 06

Sensor data:

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<th>12 V DC</th>
<th>24 V DC</th>
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<tbody>
<tr>
<td>Supply voltage</td>
<td>10.5 to 16</td>
<td>20 to 32</td>
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<tr>
<td>Output load</td>
<td>≤ 400 mA</td>
<td>≤ 400 mA</td>
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![Diagram of solenoid operated valves]

- Normally open
- Normally closed
Dimensions

Version 06: Solenoid operated valve, poppet 2-way
normally open proximity sensor