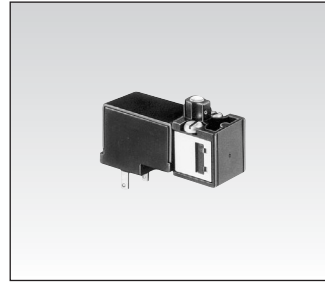


Miniature solenoid valves for direct current

- Conform to the Low Voltage Directive
- For mounting on sub-base or footprint in accordance with CNOMO recommendation E 06-36-120N



1

Part numbers (and voltages)

| | | |
|----------|-------------|---------------|
| | Consumption | Voltage |
| | 1 W | 24 V \equiv |
| Function | | |
| Version | | |

81 519 032

3/2 NC
Without manual override

81 519 332

3/2 NC
With manual override by impulse

81 519 632

3/2 NC
With maintained manual override

Characteristics

| | | | | | | |
|---|--------|-----------|------------------------|------------------------|------------------------|------------------------|
| Operating pressure | psi | (Bars) | 15 > 120 (1 > 8) | 15 > 120 (1 > 8) | 15 > 120 (1 > 8) | 15 > 120 (1 > 8) |
| Orifice diameter | inches | (mm) | .03 (0.8) | .03 (0.8) | .03 (0.8) | .03 (0.8) |
| Flow at 90 psi (6 bars) | cfm | (NI/min) | 1 (30) | 1 (30) | 1 (30) | 1 (30) |
| Cv (kV) | | | .02 (0.3) | .02 (0.3) | .02 (0.3) | .02 (0.3) |
| Switching time milliseconds | | (ms) | 5 > 15 | 5 > 15 | 5 > 15 | 5 > 15 |
| Mechanical life (cycles) | | | 15 million | 15 million | 15 million | 15 million |
| Operating temperature | °F | (°C) | +15 > +120 (-10 > +50) | +15 > +120 (-10 > +50) | +15 > +120 (-10 > +50) | +15 > +120 (-10 > +50) |
| Compressed air or inert gas - oil-free air filtered to 50 μ | | | ● | ● | ● | ● |
| Duty factor | | | 100 % ED | 100 % ED | 100 % ED | 100 % ED |
| Insulation class | | (IEC 85) | F | F | F | F |
| Weight | grams | | 35 | 35 | 35 | 35 |
| Rotatable connector 4 positions in 90° steps | | | ● | ● | ● | ● |
| Degree of protection with M12 5-pin connector | | (IEC 529) | IP 20 | IP 20 | IP 20 | IP 20 |
| Degree of protection with connector 81 516 082 | | (IEC 529) | IP 65 | IP 65 | IP 65 | IP 65 |
| UL and cUL approval | | | MH 15085 | MH 15085 | MH 15085 | MH 15085 |

Mounting plan

according to CNOMO E 06.36.120.N

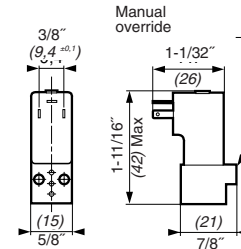
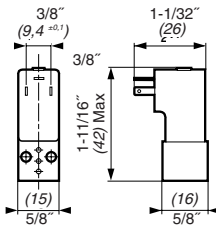
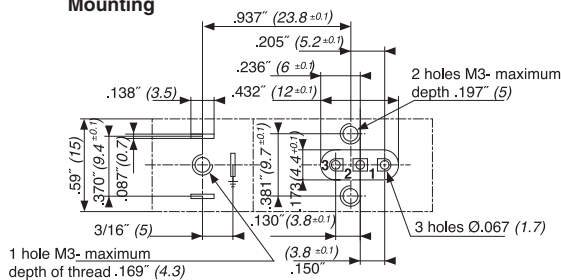
Dimensions

81 519 0

81 519 3

81 519 6

Mounting



use (metric) dimensions for critical data

| Other information | To order, specify : |
|--|---|
| Other voltages on request. Other orifice diameters (1.2 mm, 1.5 mm) on request. | <p>Standard products</p> <p>1 Part number Example : Miniature solenoid valves - 81 519 032</p> |

Products and specifications subject to change without notice.

Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com