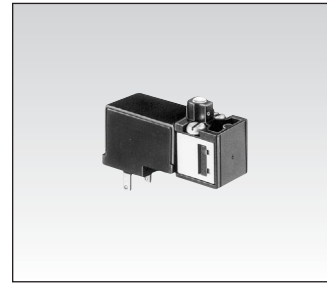
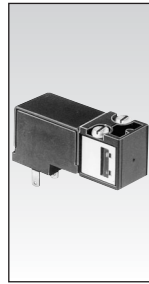


Miniature solenoid valves for alternating current

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



Part numbers (and voltages)

Consumption	Voltage
2.5 VA	24 V ~ 50-60 Hz
2.5 VA	48 V ~ 50-60 Hz*
2.5 VA	110 V ~ 50-60 Hz
2.5 VA	220 V- 230 V ~ 50-60 Hz

81 519 080
—
—
—

81 519 380
81 519 381
81 519 378
81 519 379

81 519 680
81 519 678
81 519 679

Function	3/2 NC
Version	Without manual override

3/2 NC
With manual override by impulse

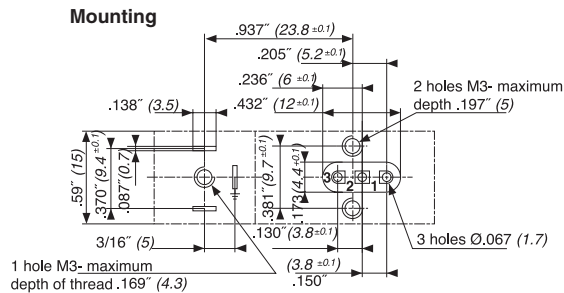
3/2 NC
With manual override by latching (1/4 turn)

Characteristics

			15 > 120 (1 > 8)	15 > 120 (1 > 8)	15 > 120 (1 > 8)	15 > 120 (1 > 8)
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 (Nl/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 (+0 > +50)	+15 > +120 (+0 > +50)	+15 > +120 (+0 > +50)	+15 > +120 (+0 > +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 sub-base (page 5/52)	(IEC 529)		IP 20	IP 20	IP 20	IP 20
with connector 81 516 082 (page 5/55)	(IEC 529)		IP 65	IP 65	IP 65	IP 65
UL and cUL approval			MH 15085	MH 15085	MH 15085	MH 15085

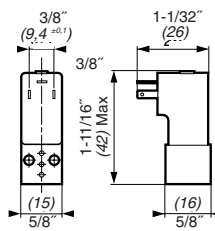
Mounting plan

according to CNOMO E 06.36.120.N

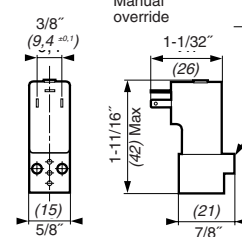


- 1 - Supply
- 2 - Output
- 3 - Exhaust

Dimensions 81 519 0



81 519 3 81 519 6



Other information	To order, specify :				
Other voltages on request	<table border="1"> <tbody> <tr> <td>Standard products</td> <td>1 Part number</td> </tr> <tr> <td></td> <td>Example : Miniature solenoid valves - 81 519 080</td> </tr> </tbody> </table>	Standard products	1 Part number		Example : Miniature solenoid valves - 81 519 080
Standard products	1 Part number				
	Example : Miniature solenoid valves - 81 519 080				

Products and specifications subject to change without notice.

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