

# Crydom

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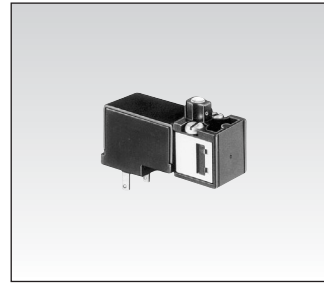
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# Miniature solenoid valves for direct current

- 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

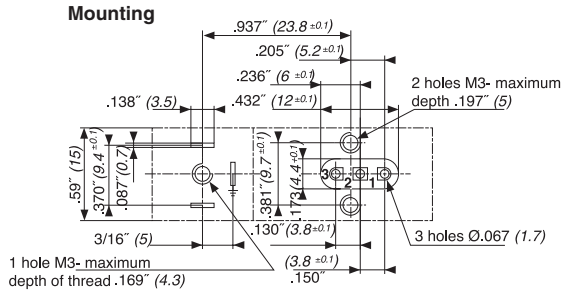
**81 519 632**  
3/2 NC  
With maintained manual override

## 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	(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 (-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

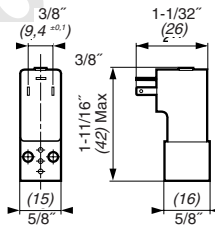
according to CNOMO E 06.36.120.N



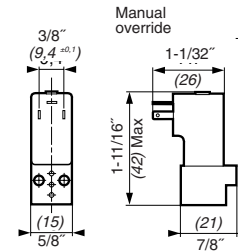
- 1 - Supply
- 2 - Output
- 3 - Exhaust

## Dimensions

81 519 0



81 519 3  
81 519 6



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><b>1</b> Part number Example : Miniature solenoid valves - 81 519 032</p>

Products and specifications subject to change without notice.

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