



RAPID CONTROL SERVICE, INC.

Partners In Automation Since 1964

PNEUMATIC / ELECTRICAL / RESISTANCE WELDING

Phone: 616-538-1111

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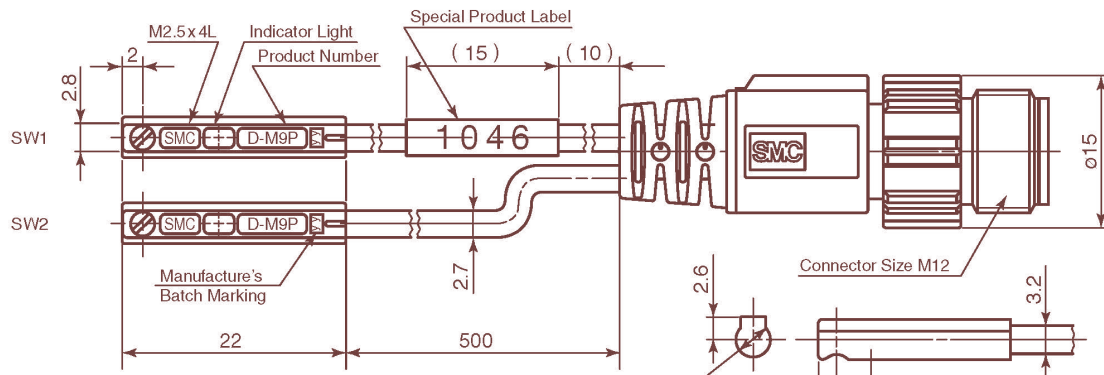
Website: www.rapidcontrol.com

E-Mail: sales@rapidcontrol.com



D-M9P-1046 | Solid State Auto Switch Dual Auto Switch with a Single Connector

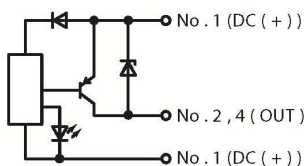
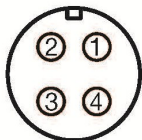
The D-M9 series switch is a universal mount, solid state sensor. With the correct mount, this switch can be used with a number of different SMC cylinders.



Pin Assignment

Wiring	Pin no.	
	SW1	SW2
DC (+)	1	1
OUT	4	2
DC (-)	3	3

Connector Pin Assignment



Specifications



Auto Switch Model	D-M9P-1046
Applicable Load	IC Circuit • Relay • PLC
Power Supply Voltage	4.5 to 28VDC
Current Consumption	10mA or less
Load Voltage	-
Load Current	40mA or less
Internal Voltage Drop	0.8V or less at 10mA (2V or less at 40mA)
Leakage Current	100 μ A or less
Operating Time	1ms or less at 24VDC
Indicator Light	Red LED illuminates when turned on
Electrical Entry	Grommet
Lead Wire	Vinyl sheath cord 2.7mm x 3.2mm oval
Impact Resistance	Switch 1000m/s ² Connector 300m/s ²
Enclosure	IP67 at the connecting condition
Insulation	50M Ω or more under the test voltage 500VDC
Resistance Withstand Voltage	(Between case and cable) 1000VAC 1min (Between case and cable)
Ambient Temperature	14 to 140°F (-10 to 60°C)

Special Specifications

1. With M12-4 pin A-coded (normal key) plug.
2. Lead wire of D-M9P (2 pieces) is incorporated.
3. Marktube is fixed by the thermal contraction. (SW1 printing : 1046)
4. Lead wire length : 500mm.
5. ROHS Compliant Product.

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D-M9 Auto Switch Series

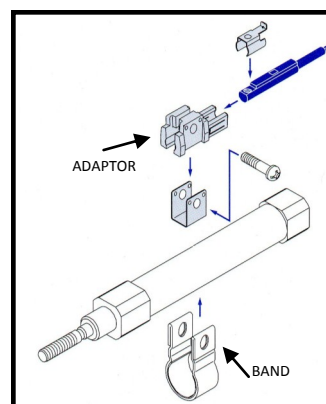
The D-M9 series switch is a universal mount, solid state sensor. With the correct mount, this switch can be used with a number of different SMC cylinders.

Band Mounting

Series	Bore	Adaptor	Band
NCDJ2	6mm	BJ3-1	BJ2-006
	10mm	BJ3-1	BJ2-010
	16mm	BJ3-1	BJ2-016
CDM2	20mm	BJ3-1	BM2-020
	25mm	BJ3-1	BM2-025
	32mm	BJ3-1	BM2-032
	40mm	BJ3-1	BM2-040
CD85	10mm	BJ3-1	BJ2-010
	16mm	BJ3-1	BJ2-016
	20mm	BJ3-1	BM2-020
	25mm	BJ3-1	BM2-025

Series	Bore	Adaptor	Band
NCDM	.44"	BJ3-1	BJ2-012
	.56"	BJ3-1	BJ2-015
	.75"	BJ3-1	NBM2-075
	.88"	BJ3-1	NBM2-088
	1.06"	BJ3-1	NBM2-106
	1.25"	BJ3-1	NBM2-125
	1.50"	BJ3-1	NBM2-150
	2.00"	BJ3-1	NCMB-200
NCDG	20mm	BJ3-1	BMA2-020
	25mm	BJ3-1	BMA2-025
	32mm	BJ3-1	BMA2-032
	40mm	BJ3-1	BMA2-040
	50mm	BJ3-1	BMA2-050
	63mm	BJ3-1	BMA2-063

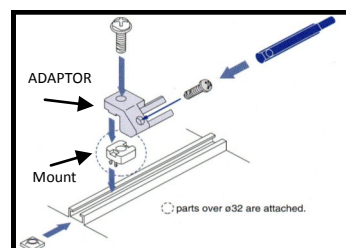
Band Mounting



Rail Mounting

Series	Bore	Adaptor	Mount Bracket
NCDQ2	12-25mm	BQ2-012	BQ-1
	32-50mm	BQ2-012	BQ-2

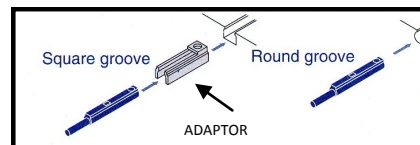
Rail Mounting



Groove Mounting

Series	Bore	Adaptor	Mount Bracket
MGP/MGQ	12-100mm	BMG2-012	-

Groove Mounting



Tie Rod Mounting

Series	Bore	Adaptor	Mount Bracket
CDA2	40, 50mm	-	BA7-040
CDNA	63mm	-	BA7-063
CDLA	80, 100mm	-	BA7-080

Series	Bore	Adaptor	Mount Bracket
MDB	32, 40mm	-	BMB5-032
C95SD	50, 63mm	-	BA7-040
	80, 100mm	-	BA7-063
NCDA1	1.50"	-	BMB5-032
	2.00", 2.50"	-	BA7-040
	3.25", 4.00"	-	BA7-063

Tie Rod Mounting

