Normally Closed Solid State Auto Switch Direct Mounting Type D. MONE(V/)D MODE(V/)D MODE(V/)

D-M9NE(V)/D-M9PE(V)/D-M9BE(V) $\subset \in$



Grommet

- Output signal turns on when no magnetic force is detected.
- Can be used for the actuator adopted by the solid state auto switch D-M9 series (excluding special order products)





∧Caution

Precautions

Fix the auto switch with the existing screw installed on the auto switch body. The auto switch may be damaged if a screw other than the one supplied is used.

Auto Switch Specifications

Refer to SMC website for the details of the products conforming to the international standards.

PLC: Programmable Logic Controller

D-M9□E, D-M	D-M9□E, D-M9□EV (With indicator light)						
Auto switch model	D-M9NE	D-M9NEV	D-M9PE	D-M9PEV	D-M9BE	D-M9BEV	
Electrical entry direction	In-line	Perpendicular	In-line	Perpendicular	In-line	Perpendicular	
Wiring type	3-wire			2-wire			
Output type	NPN PNP		_				
Applicable load	IC circuit, Relay, PLC			24 VDC relay, PLC			
Power supply voltage	5, 12, 24 VDC (4.5 to 28 V)			_			
Current consumption	10 mA or less			_			
Load voltage	28 VDC	OC or less —		24 VDC (10 to 28 VDC)			
Load current	40 mA or less			2.5 to 40 mA			
Internal voltage drop	0.8 V or less at 10 mA (2 V or less at 40 mA)			4 V or less			
Leakage current	100 μA or less at 24 VDC			0.8 mA or less			
Indicator light	Red LED illuminates when turned ON.						
Standard	CE marking, RoHS						

Oilproof Heavy-duty Lead Wire Specifications

Auto switch model		D-M9NE(V)	D-M9PE(V)	D-M9BE(V)	
Sheath	Outside diameter [mm]	2.6			
Insulator	Number of cores	3 cores (Brown/Blue/Black)		2 cores (Brown/Blue)	
	Outside diameter [mm]				
Conductor	Effective area [mm²]				
	Strand diameter [mm]				
Minimum bending radius [mm] (Reference values)		17			

Note 1) Refer to page 1584 for solid state auto switch common specifications.

Note 2) Refer to page 1584 for lead wire lengths.

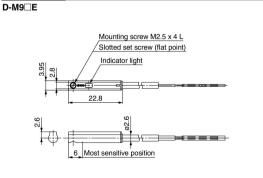
Weight

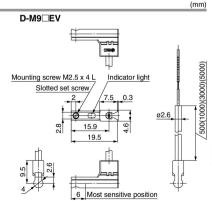
(g)

	Auto switch model		D-M9NE(V)	D-M9PE(V)	D-M9BE(V)
	Lead wire length	0.5 m (Nil)	8		7
		1 m (M)*	14		13
		3 m (L)	41		38
		5 m (Z)*	68		63

^{*} The 1 m and 5 m options are produced upon receipt of order.

Dimensions





D-□