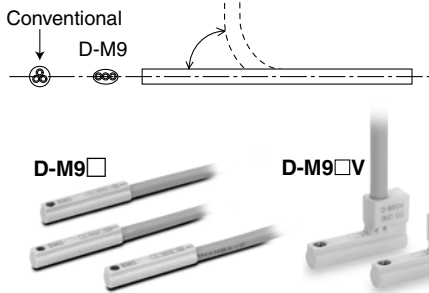


Solid State Switches: Direct Mounting Type D-M9N(V), D-M9P(V), D-M9B(V) (C) (E)

Grommet

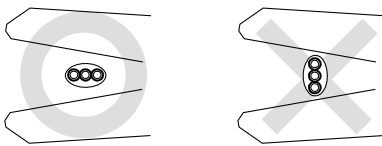
- 2-wire load current is reduced (2.5 to 40 mA).
- Lead-free
- Use of lead wire compliant with UL standards (style 2844)
- 1.5 times the flexibility compared with conventional products (comparison with other SMC products)



⚠ Caution

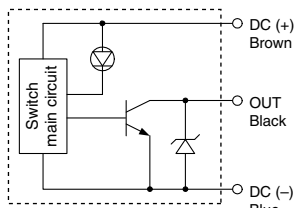
Operating Precautions

When the cable sheath is stripped, confirm the stripping direction.
The insulator may be split or damaged depending on the direction.

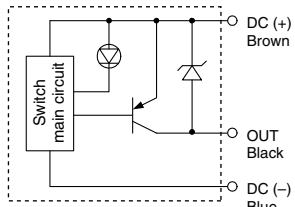


Auto Switch Internal Circuit

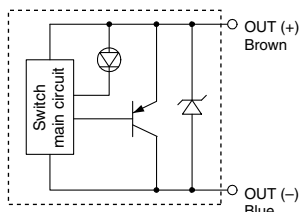
D-M9N, D-M9NV



D-M9P, D-M9PV



D-M9B, D-M9BV



Auto Switch Specifications



Refer to www.smcworld.com for details of products compatible with overseas standards.

PLC: Programmable Logic Controller

D-M9□ (with indicator light)			
Switch model	D-M9N	D-M9P	D-M9B
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 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		4 V or less
Leakage current	100 μ A or less at 24 VDC		0.8 mA or less
Indicator light	Red LED lights when ON		

- Lead wire Oil proof heavy duty vinyl cord: 2.7 $\times$ 3.2 ellipse
- D-M9B 0.15 mm² $\times$ 2 cores
- D-M9N, D-M9P 0.15 mm² $\times$ 3 cores

Note 1) Refer to page 6-18 for solid state auto switch common specifications and lead wire length.

Weight

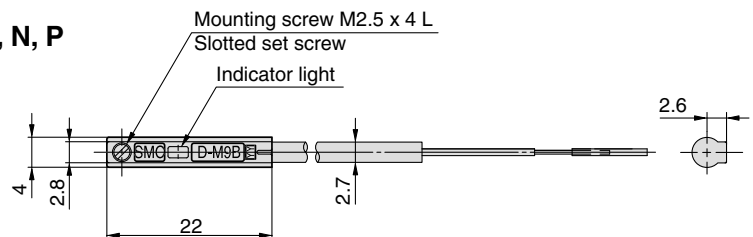
Unit: g

Auto switch model	D-M9N(V)	D-M9P(V)	D-M9B(V)
Lead wire length m	0.5	8	7
	3	41	38

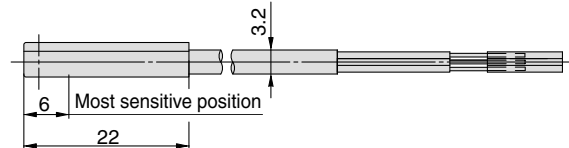
Dimensions

D-M9□

D-M9B, N, P



D-M9N, P (3-wire) - D-M9B (2-wire)



D-M9□V

