

Specifications

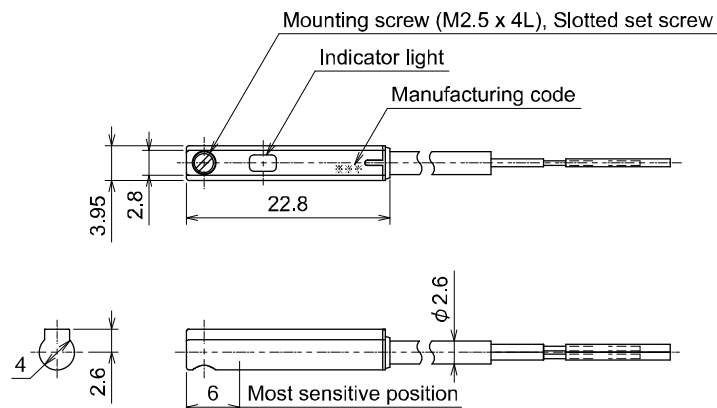
•D-M9B(E)(V)/D-M9N(E)(V)/D-M9P(E)(V)

PLC: Programmable Logic Controller

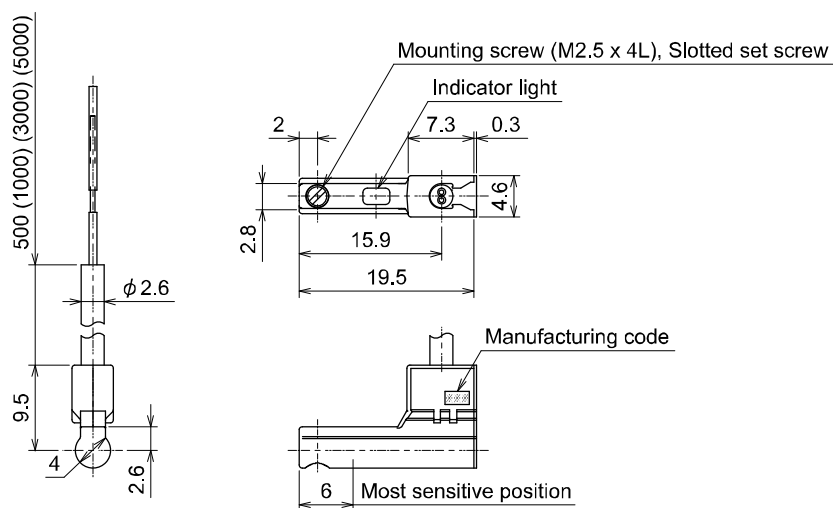
Switch part no.	D-M9N(E)	D-M9N(E)V	D-M9P(E)	D-M9P(E)V	D-M9B(E)	D-M9B(E)V
Wiring	3-wire				2-wire	
Output	NPN		PNP		-	
Lead wire orientation	In line	Perpendicular	In line	Perpendicular	In line	Perpendicular
Applicable load	IC circuit/Relay/PLC				24 VDC Relay/PLC	
Power supply voltage	5/12/24 VDC (4.5 to 28 VDC)				-	
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 at load current of 10 mA (2 V or less at load current of 40 mA)				4 V or less	
Current leakage	100 μA or less at 24 VDC				0.8 mA or less	
Operating time	1 ms or less					
Indication light	Normally open (normal direction) output: When magnetic force is detected Normally closed (inverted) output: When magnetic force is not detected				The Red LED turns ON	
Electrical entry	Grommet					
Lead wire	Vinyl sheath cable φ2.6, 0.15 mm ² , 2-wire (D-M9B(E)(V)), 3-wire (D-M9N(E)(V),D-M9P(E)(V))					
Impact proof	1000 m/s ²					
Insulation resistance	50 MΩ or more under the test voltage 500 VDC (between case and cable)					
Withstand voltage	1000 VAC 1 min. (between case and cable)					
Ambient temperature	-10 to 60 °C					
Enclosure	IEC 60529 criteria IP67, JISC0920 watertight construction					

■ Dimensions

•D-M9B(W/E)/D-M9N(W/E)/D-M9P(W/E)



•D-M9B(W/E)V/D-M9N(W/E)V/D-M9P(W/E)V





GLOBAL INDUSTRIAL AUTOMATION SOURCING

Ready to source this part?

Ask for availability, pricing and delivery options.

Request a fast quote

Include the product title and any required part number or quantity.

EMAIL

info@apterpower.com

PHONE

+86 18106909650

[CHAT ON WHATSAPP >](#)



[SCAN TO CHAT ON WHATSAPP](#)

PRODUCT: D-M9B / Solid-State Auto Switch, 2-Wire, In-Line Lead

The enclosed manufacturer pages are reproduced without alteration to technical content.

Apter Power is not an authorized distributor, reseller or representative of the products featured.

Product names, trademarks, brands and logos remain the property of their respective owners.