

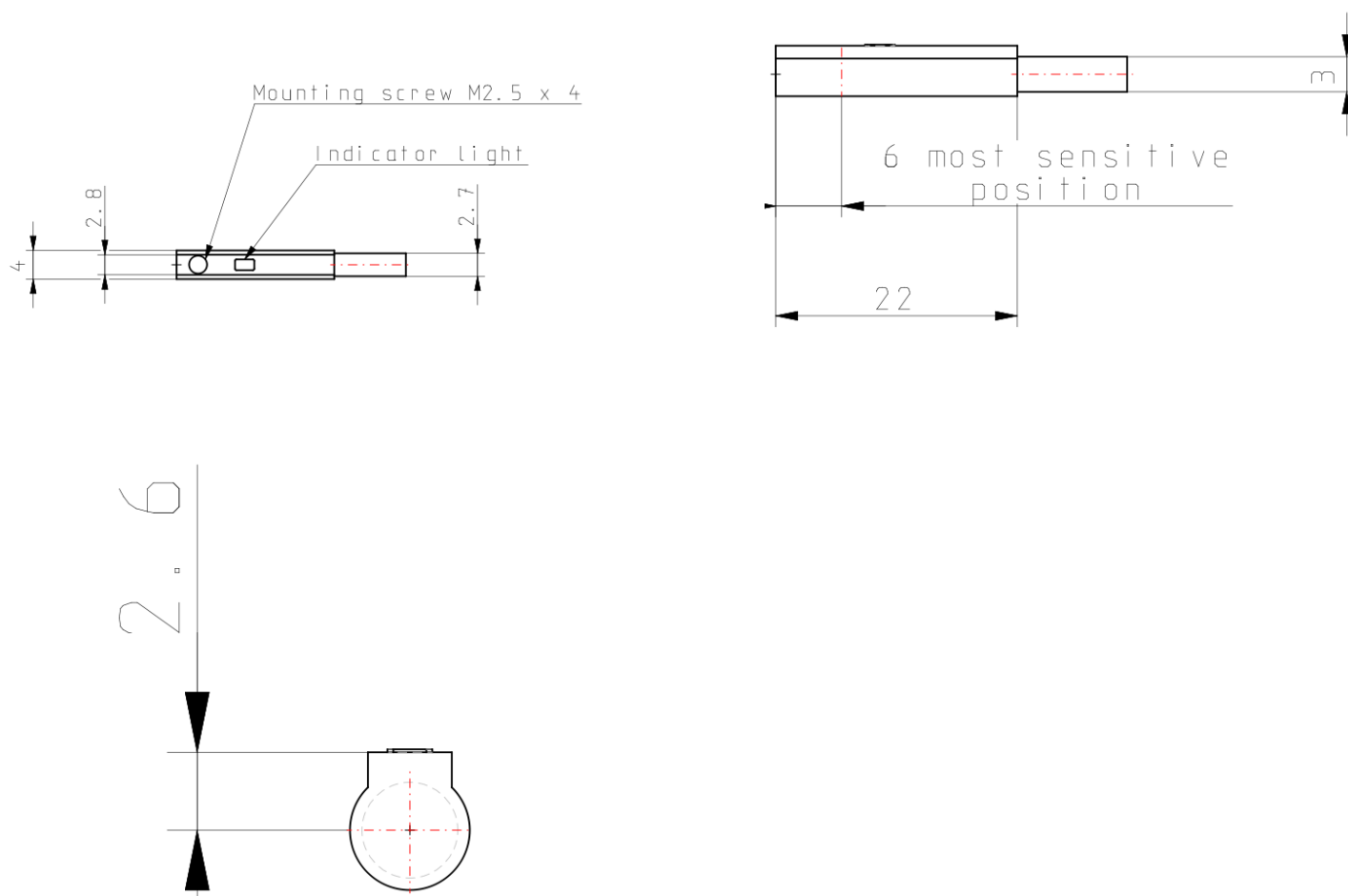
M9N/M9P/M9B, Solid State Switch, Direct Mounting, Grommet, In-line D-M9NL

Datasheet

SMC offers a variety of auto switches for actuators and air grippers.; Solid state switches are available in a general purpose type or with 2-color indication, which allows the optimum operating position to be determined by the color of the light.; Solid state switches are also available in 2-color indication with diagnostic output, water resistant 2-color indication, built-in OFF-delay timer (200 ms), magnetic field resistant, heat resistant and wide range detection configurations.; Various lead wire lengths are available.

Model	M9N (3-wire, NPN)
Lead Wire Length	L (3 m)
Conform to the European RoHS Directive	Conform
Approvals	CE
Electrical entry direction	In-line
Applicable load	IC circuit, Relay, PLC
Load voltage	28 VDC or less
Load current	40 mA or less
Internal voltage drop	0.8 V or less at 10 mA (2 V or less at 40 mA)
Wiring type	3-wire
Power supply	5, 12, 24 VDC (4.5 to 28 V)
Output type	NPN
Current consumption	10 mA or less
Leakage current	100 μ A or less at 24 VDC

Dimensions



Additional information

Catalogue

[AutoSwitch-guide-A_EU.pdf](#)