

# Solid State Auto Switch Rail Mounting Style D-F79/D-F7P/D-J79



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

## Auto Switch Specifications

PLC: Programmable Logic Controller

### D-F7□, D-J79 (With indicator light)

Auto switch model	D-F79	D-F7P	D-J79
<b>Wiring type</b>	3-wire		2-wire
<b>Output type</b>	NPN	PNP	—
<b>Applicable load</b>	IC circuit, Relay, PLC		24 VDC Relay, PLC
<b>Power supply voltage</b>	5, 12, 24 VDC (4.5 to 28 VDC)		—
<b>Current consumption</b>	10 mA or less		—
<b>Load voltage</b>	28 VDC or less	—	24 VDC (10 to 28 VDC)
<b>Load current</b>	40 mA or less	80 mA or less	5 to 40 mA
<b>Internal voltage drop</b>	1.5 V or less (0.8 V or less at 10 mA load current)	0.8 V or less	4 V or less
<b>Leakage current</b>	100 μA or less at 24 VDC		0.8 mA or less at 24 VDC
<b>Indicator light</b>	Red LED illuminates when turned ON.		
<b>Standard</b>	CE marking		

- Lead wires — Oilproof heavy-duty vinyl cord,  $\phi 3.4$ , 0.2 mm<sup>2</sup>, 3 cores (Brown, Black, Blue), 2 cores (Brown, Blue), 0.5 m

Note 1) Refer to page 1272 for solid state auto switch common specifications.

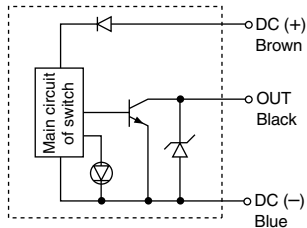
Note 2) Refer to page 1272 for lead wire lengths.

## Grommet

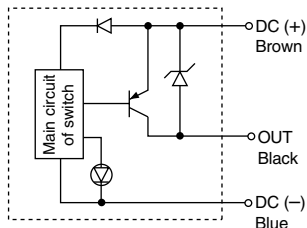


## Auto Switch Internal Circuit

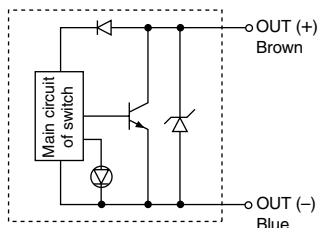
### D-F79



### D-F7P



### D-J79



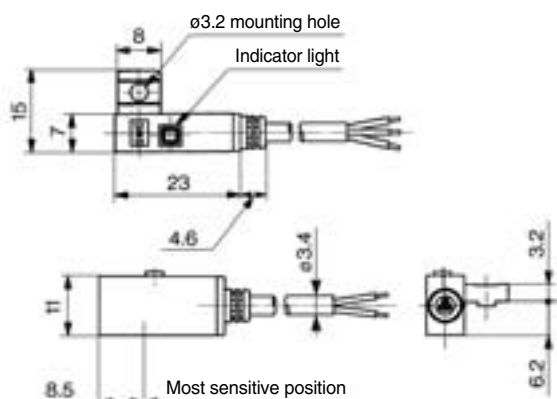
## Mass

(g)

Auto switch model		D-F79	D-F7P	D-J79
Lead wire length (m)	0.5	13	13	11
	3	57	57	50
	5	92	92	81

## Dimensions

(mm)



D-□