

Water Resistant 2-Color Indication Type Solid State Auto Switch: Rail Mounting Style D-F7BA(V)L



Grommet

- Water (coolant) resistant type
- The proper operating range can be determined by the color of the light. (Red → Green ← Red)



Caution

Precautions

Please consult with SMC if using coolant liquid other than water based solution.

Auto Switch Specifications

PLC: Programmable Logic Controller

D-F7BA(V)L (With indicator light)		
Auto switch model	D-F7BAL	D-F7BAVL
Electrical entry direction	In-line	Perpendicular
Wiring type	2-wire	
Output type	—	
Applicable load	24 VDC Relay, PLC	
Power supply voltage	—	
Current consumption	—	
Load voltage	24 VDC (10 to 28 VDC)	
Load current	5 to 40 mA	
Internal voltage drop	4 V or less	
Leakage current	0.8 mA or less at 24 VDC	
Indicator light	Operating range Red LED illuminates. Proper operating range Green LED illuminates.	
Standard	CE marking	

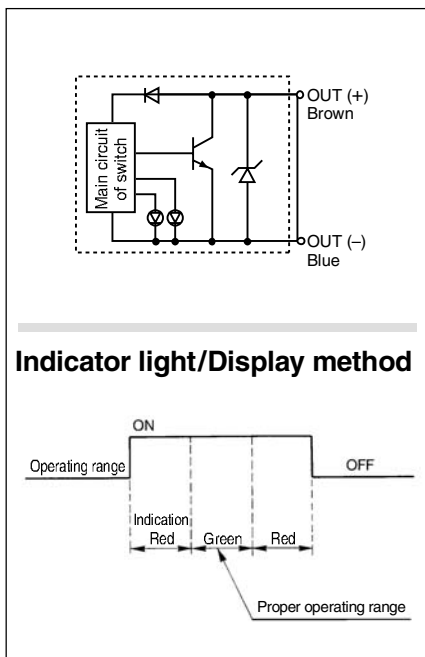
- Lead wires — Oilproof heavy-duty vinyl cord, $\phi 3.4$, 0.2 mm², 2 cores (Brown, Blue), 3 m (Standard)
- Note 1) Refer to page 1272 for solid state auto switch common specifications.
- Note 2) Refer to page 1272 for lead wire lengths.

Mass

(g)

Auto switch model	D-F7BA	D-F7BAV
Lead wire length (m)	0.5	—
	3	50
	5	81

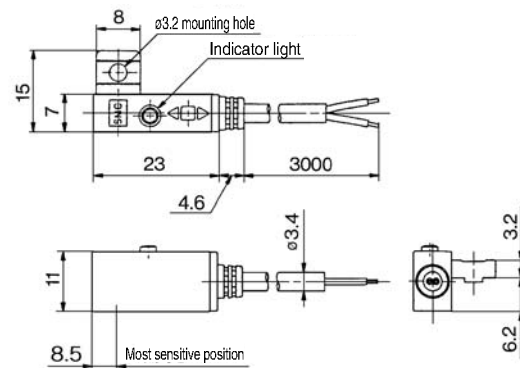
Auto Switch Internal Circuit



Dimensions

(mm)

D-F7BAL



D-F7BAVL

