

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



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

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) (With indicator light)		
Auto switch model	D-F7BA	D-F7BAV
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, RoHS	

Oilproof Heavy-duty Lead Wire Specifications

Auto switch model		D-F7BA
Sheath	Outside diameter [mm]	ø3.4
	Number of cores	2 cores (Brown/Blue)
Insulator	Outside diameter [mm]	ø1.1
	Effective area [mm ²]	0.2
Conductor	Strand diameter [mm]	ø0.08
	Minimum bending radius [mm] (Reference values)	21

Note 1) Refer to page 1584 for solid state auto switch common specifications.

Note 2) Refer to page 1584 for lead wire lengths.

Weight

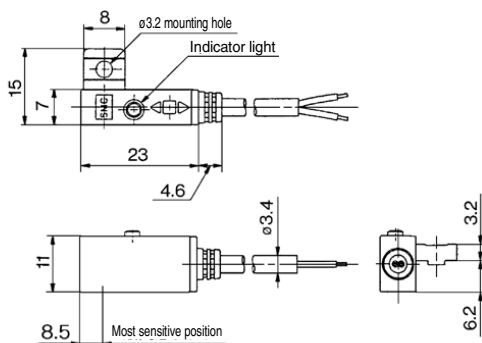
(g)

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

Dimensions

(mm)

D-F7BA



D-F7BAV

