

# 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 <sup>2</sup> ]	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

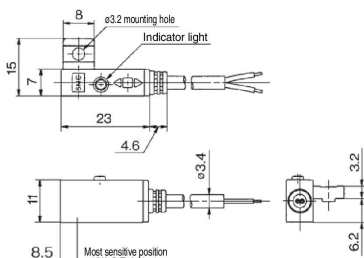
(g)

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

## Dimensions

(mm)

### D-F7BA



### D-F7BAV

