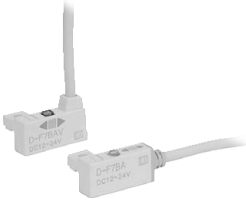


Water Resistant 2-Color Indicator Solid State Auto Switch: Rail Mounting Type D-F7BA(V)



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

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

D-F7BA(V) (With indicator light)		PLC: Programmable Logic Controller	
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/UKCA marking		

Oilproof Heavy-duty Lead Wire Specifications

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

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

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

(g)

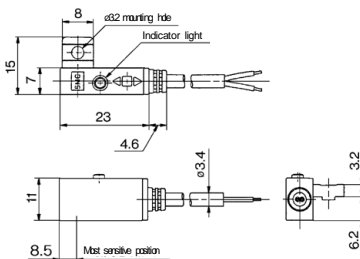
Weight

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

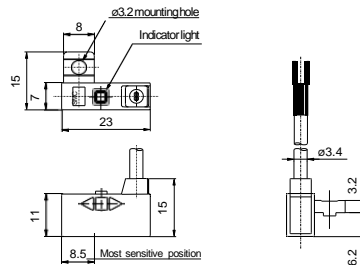
(mm)

Dimensions

D-F7BA



D-F7BAV



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