

# Water Resistant 2-Color Indicator Solid State Auto Switch: Band Mounting Type D-H7BA



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

## Auto Switch Specifications

PLC: Programmable Logic Controller

D-H7BA (With indicator light)	
Auto switch model	D-H7BA
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

### 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.

## Oilproof Heavy-duty Lead Wire Specifications

Auto switch model		D-H7BA
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.

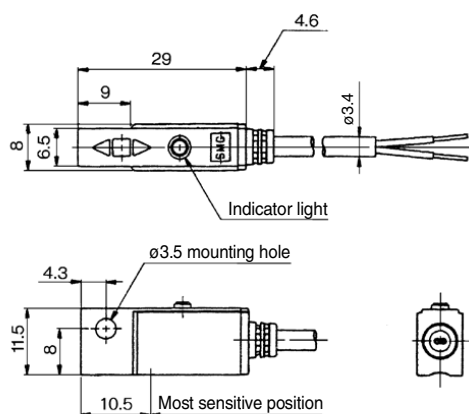
## Weight

(g)

Auto switch model		D-H7BA
Lead wire length	3 m (L)	50
	5 m (Z)	81

## Dimensions

(mm)



D-□