2-Color Indication Type Solid State Auto Switch Band Mounting Style

D-H7NW/D-H7PW/D-H7BW

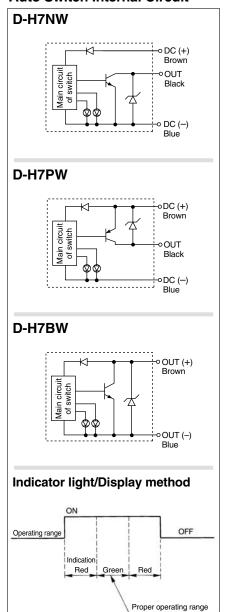
Grommet

The proper operating range can be determined by the color of the light.

 $(Red \rightarrow Green \leftarrow Red)$



Auto Switch Internal Circuit



Auto Switch Specifications



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

PLC: Programmable Logic Controller

D-H7□W (With indicator light)							
Auto switch model	D-H7NW	D-H7PW	D-H7BW				
Wiring type	3-v	2-wire					
Output type	NPN	PNP	_				
Applicable load	IC circuit,	24 VDC relay, PLC					
Power supply voltage	5, 12, 24 VDC	_					
Current consumption	10 mA	_					
Load voltage	28 VDC or less	_	24 VDC (10 to 28 VDC)				
Load current	40 mA or less	80 mA or less	5 to 40 mA				
Internal voltage drop	1.5 V or less (0.8 V or less at 10 mA load current)	0.8 V or less	4 V or less				
Leakage current	100 μA or le	0.8 mA or less at 24 VDC					
Indicator light	Operating range Red LED illuminates. Proper operating range Green LED illuminates.						
Standard	CE marking						

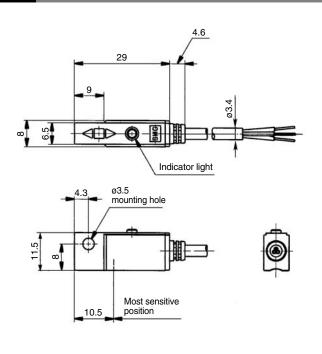
Lead wires — Oilproof heavy-duty vinyl cord, ø3.4, 0.2 mm², 3 cores (Brown, Black, Blue), 2 cores (Brown, Blue), 0.5 m

Note 2) Refer to page 1272 for lead wire lengths.

Mass (g)

Auto switch model		D-H7NW	D-H7PW	D-H7BW
Lead wire length (m)	0.5	13	13	11
	3	57	57	50
	5	92	92	81

Dimensions (mm)





Note 1) Refer to page 1272 for solid state auto switch common specifications.