

Water Resistant 2-Color Indication Type Solid State Auto Switch: Direct Mounting Style D-Y7BAL



Grommet

- Water (coolant) resistant type
- Using flexible cable as standard spec.
- 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. Detection characteristics (operating range) are the same as D-Y5□ and D-Y7□W, but the detection area length is different.

Auto Switch Specifications

PLC: Programmable Logic Controller

D-Y7BAL (With indicator light)	
Auto switch model	D-Y7BAL
Wiring type	2-wire
Applicable load	24 VDC Relay, PLC
Load voltage	24 VDC (10 to 28 VDC)
Load current	2.5 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

- Lead wires — Oilproof flexible heavy-duty vinyl cord, $\phi 3.4$, 0.15 mm², 2 cores (Brown, Blue), 3 m (Standard)

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

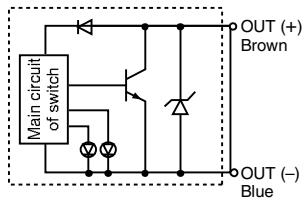
Note 2) Refer to page 1272 for lead wire lengths.

Mass

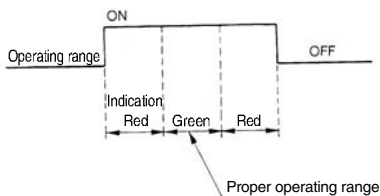
(g)

Auto switch model	D-Y7BA	
Lead wire length (m)	0.5	—
	3	54
	5	88

Auto Switch Internal Circuit



Indicator light/Display method



Dimensions

(mm)

