

Water Resistant 2 Color Indication Style Solid State Switch/Band Mounting

D-G5BAL

Grommet

Water (coolant) resistant performance



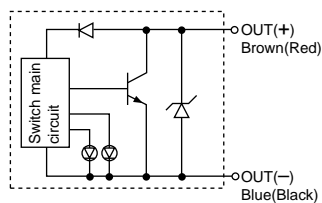
Caution

Precautions

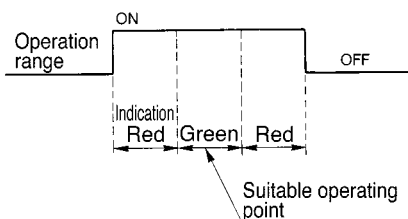
Consult SMC if using coolant liquid other than water based solution.

Internal Circuit

(): If not applicable for IEC Standard



Indicator light/Operation



Applicable Actuator Series

| Series | Bore size (mm) |
|---|---|
| CDG1, MGG | ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100 |
| CDA1, CDBA1, CDV3, CDVS1, CDLA, CDL1, CNA | ø40*, ø50*, ø63, ø80, ø100 |
| MGC | ø20, ø25, ø32, ø40, ø50 |
| RHC, MLGC, REC | ø20, ø25, ø32, ø40 |
| CE2 | ø40, ø50, ø63, ø80, ø100 |

* Can not be used for lube type.

Specifications

PLC: Programmable Logic Controller

D-G5BAL (With indicator light)

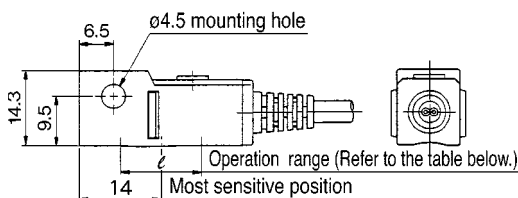
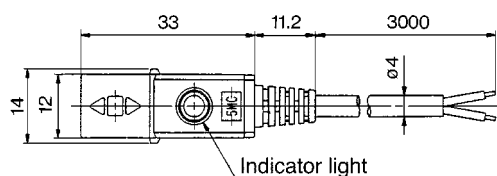
| Auto switch model number | D-G5BAL |
|--------------------------|---|
| Wiring | 2 wire |
| Output | — |
| Application | 24V DC Relay/PLC |
| Power voltage | — |
| Current consumption | — |
| Load voltage | 24V DC (10 to 28V DC) |
| Load current | ≤ 5 to 40mA |
| Internal voltage drop | ≤ 4V |
| Current leakage | ≤ 0.8mA at 24V DC |
| Indicator light | Operating point: Red light emitting diode Suitable operating point: Green light emitting diode |

●Lead wire — Oilproof vinyl heavy insulation cable, ø4, 0.3mm², 2 cores (Brown, Blue), 3m (Standard)

Note 1) Refer to common specifications on p.5.3-5.

Note 2) Refer to p.5.3-5 for lead wire length.

Dimensions



Operation Range (ℓ Dimension)

| Actuator series | Bore size (mm) | | | | | | | |
|---|----------------|----|-----|----|----|-----|-----|-----|
| | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 |
| CDG1, MGG | 5 | 5 | 5.5 | 6 | 7 | 7.5 | 7.5 | 8 |
| CDA1, CDBA1, CDV3, CDVS1, CDLA, CDL1, CNA | — | — | — | 6 | 7 | 7.5 | 7.5 | 8 |
| MGC | 5 | 5 | 5.5 | 6 | 7 | — | — | — |
| RHC, MLGC, REC | 5 | 5 | 5.5 | 6 | — | — | — | — |
| CE2 | — | — | — | 6 | 7 | 7.5 | 7.5 | 8 |

Note) Average value at normal temperature including hysteresis.(Tolerance ±30%)

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Technical Data