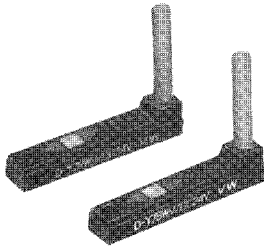


# Series CP95

## Auto Switch Specifications

### Solid state D-Y7, 3 wires



#### Technical specifications

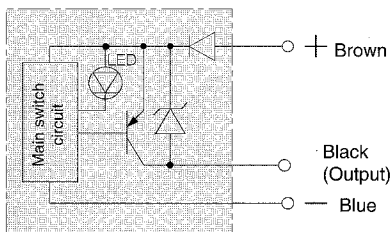
D-Y7PL (with indicator light), lead wire length 3 m

| Model                 | D-Y7PL                    | D-Y7PVL           |
|-----------------------|---------------------------|-------------------|
| Wiring system         | 3 wires, axial            | 3 wires, vertical |
| Output system         | PNP                       |                   |
| Applicable load       | IC circuit, relay, PLC    |                   |
| Power supply voltage  | 4.5VDC - 28 VDC           |                   |
| Current consumption   | OFF: < 1 mA, ON: < 15 mA  |                   |
| Load current          | < 80 mA                   |                   |
| Internal voltage drop | < 0.8V                    |                   |
| Leakage current       | 0.1 mA                    |                   |
| Indicator light       | Red LED lights up when ON |                   |

- Operating time — 1.2ms
- Lead wires— oil resistant vinyl cabtyre cable, Ø 3.4 mm, 0.2 mm<sup>2</sup>, 3wires (Brown, Black, Blue)
- Impact resistance — 30G
- Insulation resistance — >50MΩ with a 500VDC megohmmeter
- Withstand voltage — 1500VAC (for 1 minute)
- Ambient temperature — -10 to 60°C
- Protective structure — IEC IP67, waterproof (JISC0920), oil resistant

### Internal circuits

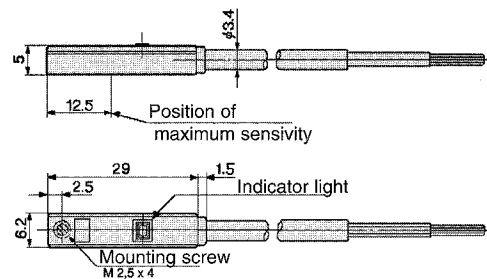
#### D-Y7PL / D-Y7PVL



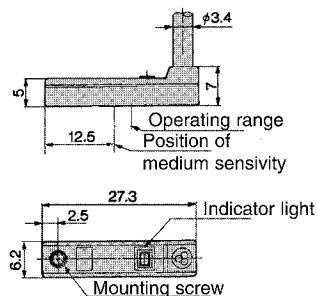
### Dimensions

[mm]

#### D-Y7PL



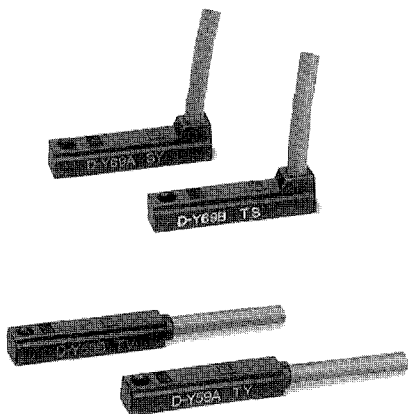
#### D-Y7PVL



# Series CP95

## Auto Switch Specifications

Solid state D-Y59, D-Y69, 2 wires



### Technical specifications

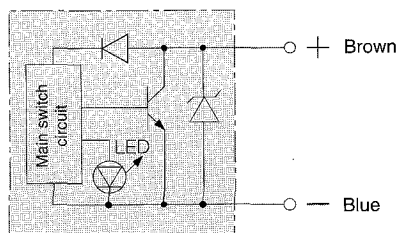
D-Y59BL / D-Y69BL (with indicator light), lead wire length: 3 m

| Model                 | D-Y59BL                   | D-Y69BL           |
|-----------------------|---------------------------|-------------------|
| Wiring system         | 2 wires, axial            | 2 wires, vertical |
| Output system         | —                         | —                 |
| Applicable load       | relay DC, PLC             |                   |
| Current consumption   | —                         |                   |
| Power supply voltage  | 10 - 28VDC                |                   |
| Load voltage          | 40 mA                     |                   |
| Internal voltage drop | < 4V                      |                   |
| Leakage current       | < 0.8 mA at 24V           |                   |
| Indicator light       | Red LED lights up when ON |                   |

- **Operating time** — 1ms
- **Lead wires** — Oil resistant vinyl cabtyre cable,  $\varnothing$  3.4 mm, 0.2 mm<sup>2</sup>, 2 wires (Brown,Blue)
- **Impact resistance** — 100 G
- **Insulation resistance** — >50M $\Omega$  with a 500VDC megohmmeter
- **Withstand voltage** — 1000VAC (for 1 minute)
- **Ambient temperature** — -10 to 60°C
- **Protective structure** — IEC IP67, waterproof (JISC0920), oil resistant

### Internal circuits

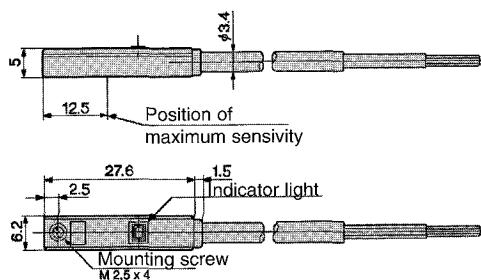
#### D-Y59BL / D-Y69BL



### Dimensions

[mm]

#### D-Y59BL



#### D-Y69BL

