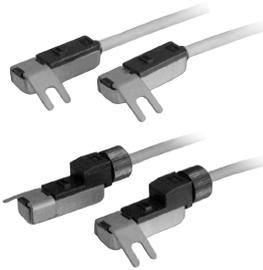


Solid State Auto Switch Direct Mounting Type D-S79/D-S7P/D-T79(C)



Grommet, Connector Electrical Entry: In-line



D-□□□2



Left-hand mounting

D-□□□1



Right-hand mounting

Caution

Precautions

1. Confirm that the connector is appropriately tightened. If tightened insufficiently, the waterproof performance will deteriorate.
2. Refer to Best Pneumatics No. 2-1 for the details.

Lead wires with a connector indication

Part No. of Lead Wires with Connectors (Applicable only for connector type)

| Model | Lead wire length |
|--------|------------------|
| D-LC05 | 0.5 m |
| D-LC30 | 3 m |
| D-LC50 | 5 m |

Auto Switch Specifications

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

PLC: Programmable Logic Controller

| D-S79/D-T79 (With indicator light) | | | |
|------------------------------------|--|----------------|----------------------------------|
| Auto switch model | D-S791, D-S792 | D-S7P1, D-S7P2 | D-T791, D-T792, D-T791C, D-T792C |
| Wiring type | 3-wire | | 2-wire |
| Output type | NPN | PNP | — |
| Applicable load | IC circuit, Relay, PLC | | 24 VDC relay, PLC |
| Power supply voltage | 5, 12, 24 VDC (4.5 to 28 VDC) | | — |
| Current consumption | 10 mA or less | | — |
| Load voltage | 28 VDC or less | — | 24 VDC (10 to 28 VDC) |
| Load current | 40 mA or less | — | 5 to 40 mA |
| Internal voltage drop | 0.8 V or less at 10 mA (2 V or less at 40 mA) | — | 4 V or less |
| Leakage current | 100 μA or less at 24 VDC | — | 0.8 mA or less at 24 VDC |
| Indicator light | Red LED illuminates when turned ON. | | |
| Standard | CE marking | | |

Note 1) Refer to page 800 for solid state auto switch common specifications.

Note 2) Refer to page 800 for lead wire lengths.

Oilproof Heavy-duty Lead Wire Specifications

| Auto switch model | | D-S79□ | D-S7P□ | D-T79□ |
|--|-----------------------------------|----------------------------|----------------------|--------|
| Sheath | Outside diameter (mm) | ø3.4 | | |
| Insulator | Number of cores | 3 cores (Brown/Blue/Black) | 2 cores (Brown/Blue) | |
| | Outside diameter (mm) | ø1.1 | | |
| Conductor | Effective area (mm ²) | 0.2 | | |
| | Strand diameter (mm) | ø0.08 | | |
| Minimum bending radius (mm) (Reference values) | | 21 | | |

Weight

(g)

| Auto switch model | | D-S79□ | D-S7P□ | D-T79□ | D-T79□C |
|-------------------|-------------|--------|--------|--------|---------|
| Lead wire length | 0.5 m (Nil) | 13 | 13 | 13 | 14 |
| | 3 m (L) | 50 | 50 | 50 | 51 |
| | 5 m (Z) | 80 | 80 | 80 | 81 |

Dimensions

(mm)

D-S791: Right-hand mounting

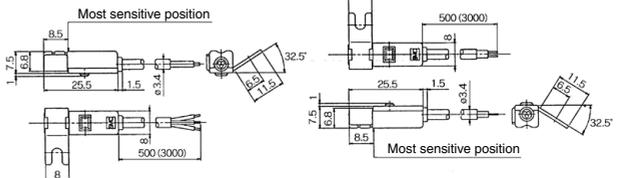
D-S7P1:

D-T791:

D-S792: Left-hand mounting

D-S7P2:

D-T792:



D-T791C: Right-hand mounting

D-T792C: Left-hand mounting

