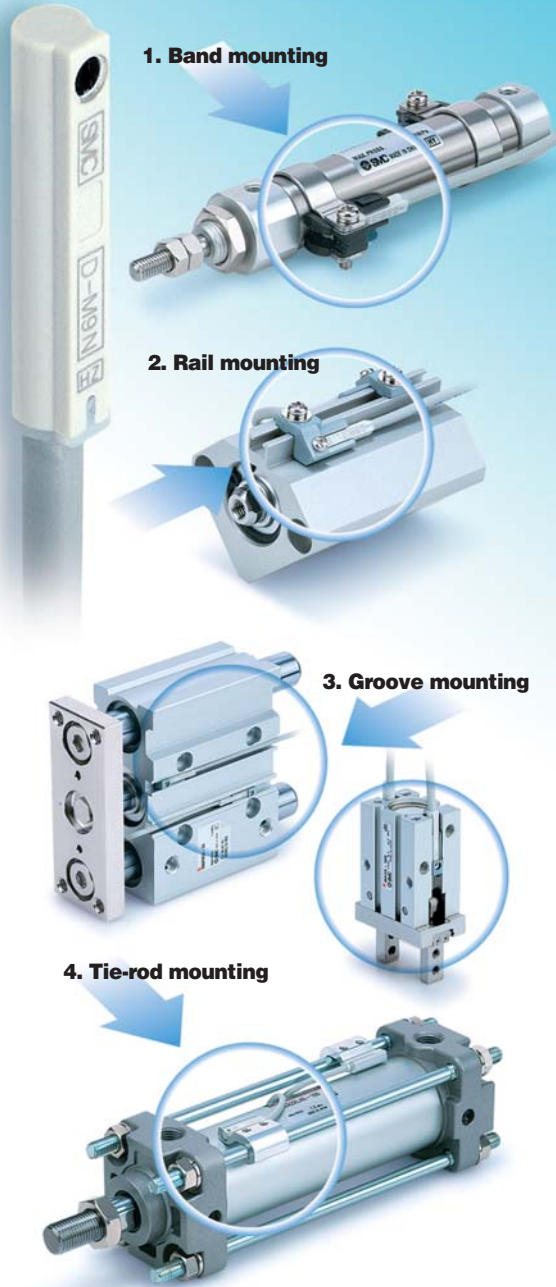




Direct Mount Auto Switch Series D-M9□

Multiple Mounting Options



Locations in North America

- | | | |
|--------------|--------------------|-----------------|
| ■ Atlanta | ■ Indianapolis [M] | ■ Richmond |
| ■ Austin | ■ Los Angeles [M] | ■ Rochester |
| ■ Boston | ■ Milwaukee | ■ San Francisco |
| ■ Charlotte | ■ Minneapolis | ■ St. Louis |
| ■ Chicago | ■ Montreal | ■ Tampa |
| ■ Cincinnati | ■ Nashville | ■ Toronto [M] |
| ■ Cleveland | ■ New Jersey | ■ Vancouver |
| ■ Dallas | ■ Phoenix | ■ Windsor |
| ■ Detroit | ■ Portland | |
- [M] = Manufacturing

Locations Worldwide!

The Americas

- | | | | |
|-------------|-----------|----------|-------------|
| ■ Argentina | ■ Bolivia | ■ Brazil | ■ Canada |
| ■ Chile | ■ Mexico | ■ U.S.A. | ■ Venezuela |

Europe

- | | | | |
|---------------|-------------|------------------|------------|
| ■ Austria | ■ Bulgaria | ■ Croatia | ■ Czech |
| ■ Denmark | ■ Estonia | ■ Finland | ■ France |
| ■ Germany | ■ Hungary | ■ Ireland | ■ Italy |
| ■ Latvia | ■ Lithuania | ■ Netherlands | ■ Norway |
| ■ Poland | ■ Romania | ■ Russia | ■ Slovakia |
| ■ Slovenia | ■ Sweden | ■ Spain/Portugal | |
| ■ Switzerland | ■ U.K. | | |

Asia

- | | | | |
|------------|---------------|---------------|-------------|
| ■ China | ■ Hong Kong | ■ India | ■ Japan |
| ■ Malaysia | ■ Philippines | ■ South Korea | ■ Singapore |
| ■ Taiwan | ■ Thailand | | |

Oceania

- | | |
|-------------|---------------|
| ■ Australia | ■ New Zealand |
|-------------|---------------|



SMC Corporation of America
3011 N. Franklin Road
Indianapolis IN 46226
1-800-762-7621(1-800-SMC-SMC1)
www.smcusa.com

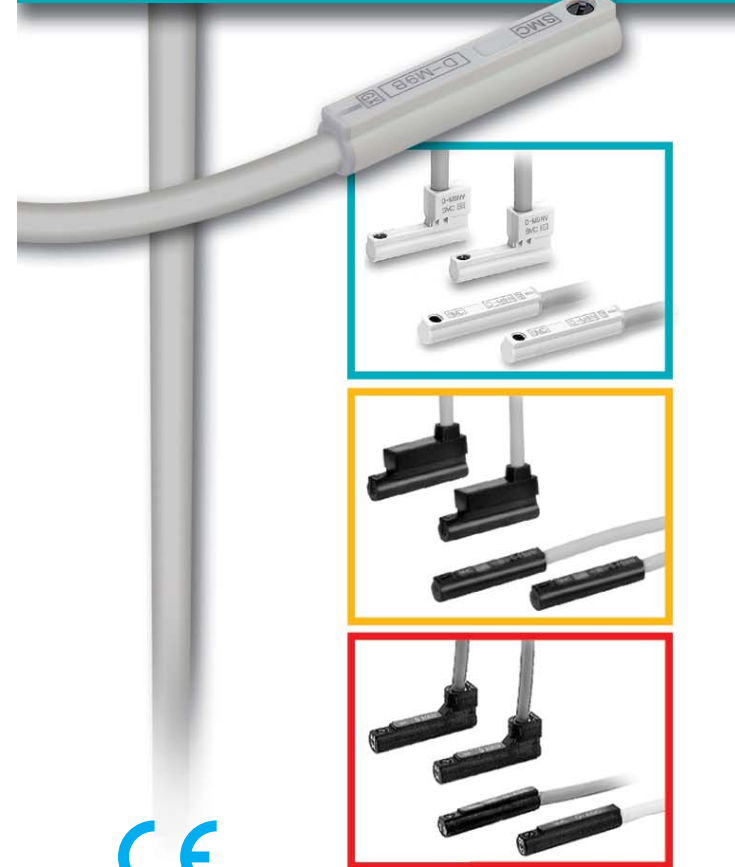
SMC Pneumatics (Canada) Ltd.
6768 Financial Drive Mississauga
Ontario L5N 7J6 Canada
(905) 812-0400
www.smc Pneumatics.ca

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DEC05-CP25M-LA

Auto Switch

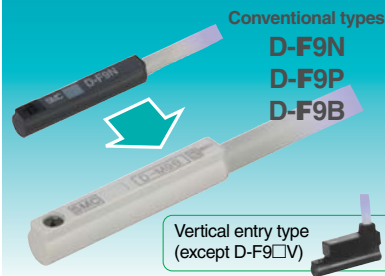


Series **D-□□□**

Direct Mount Auto Switch

Series **D-M9** □

Replaces **D-F9** □



Conventional types

D-F9N
D-F9P
D-F9B

New types

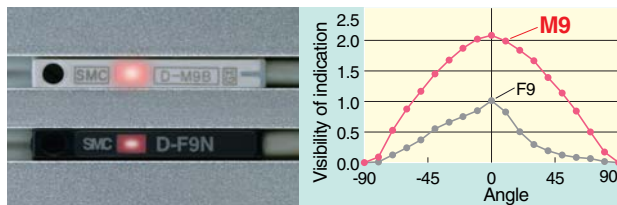
D-M9N
(3-wire, NPN output)
D-M9P
(3-wire, PNP output)
D-M9B
(2-wire)

Vertical entry type
(except D-F9□V)

Brighter Indicator Light

Twice the brightness

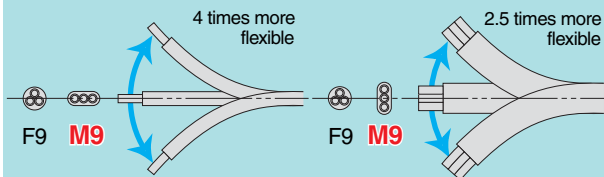
Control point brightness is improved for all viewing angles.



More Flexible Lead Wire

4 times the flexibility

Flexible lead wire is available as standard.



Optional Pre-wired Connector

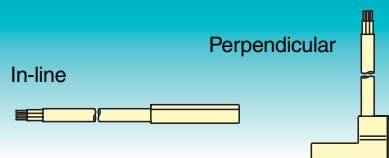


Increased Range of Load Current

2.5 to 40mA (2-wire)

Conventional types **D-F9B**
5 to 40mA → New types **D-M9B**
2.5 to 40mA

Two Types of Electrical Entry



Mounting Bracket Part Numbers

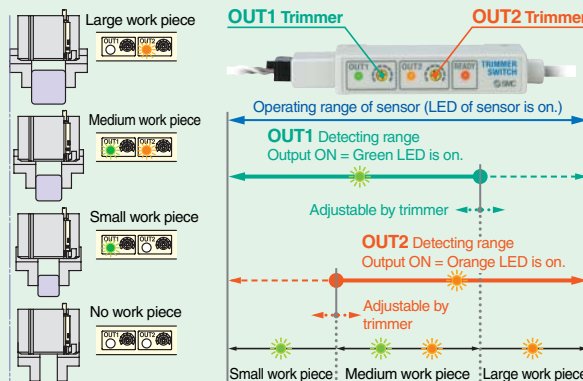
For D-M9□ Auto Switches

| Switch Mounting Method | Series | Bore Size (mm) | Adaptor Piece Part No. | Switch Mounting Bracket Part No. |
|------------------------|----------------------|----------------|------------------------|----------------------------------|
| Band Mounting | NCDJ2 CDJ2 | 6 | BJ3-1 | BJ2-006 |
| | | 10 | | BJ2-010 |
| | | 16 | | BJ2-016 |
| | CDM2 | 20 | | BM2-020 |
| | | 25 | | BM2-025 |
| | | 32 | | BM2-032 |
| | | 40 | | BM2-040 |
| | | 10 | | BJ2-010 |
| | CD85 | 16 | | BJ2-016 |
| | | 20 | | BM2-020 |
| | | 25 | | BM2-025 |
| | | 32 | | BM2-032 |
| | NCDG1 CDG1 | 20 | | BMA2-020 |
| | | 25 | | BMA2-025 |
| | | 32 | | BMA2-032 |
| 40 | | BMA2-040 | | |
| 50 | | BMA2-050 | | |
| 63 | | BMA2-063 | | |
| Rail Mounting | | NCDQ2 CDQ2 | 12-25 | BQ2-012 |
| | 32-50 | | BQ-2 | |
| Groove Mounting | MGP MGQ | 12-100 | BMG2-012 | - |
| Tie-Rod Mounting | CDA2 CDNA CDLA | 40, 50 | - | BA7-040 |
| | | 63 | | BA7-063 |
| | | 80, 100 | | BA7-080 |
| | MDB C95SD | 32, 40 | | BMB5-032 |
| | | 50, 63 | | BA7-040 |
| | | 80, 100 | | BA7-063 |

ALSO AVAILABLE

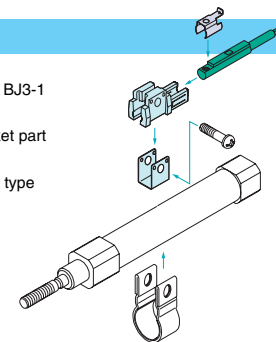
Trimmer Auto Switch Series **D-□7K/D-R-□K**

OUT1 and OUT2 are adjustable separately.



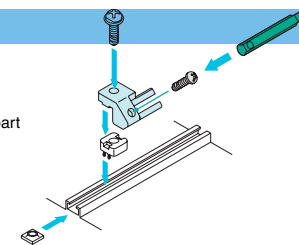
Band Mounting

- 1) Adaptor piece part number is BJ3-1 (blue shaded parts).
- 2) Select switch mounting bracket part number from table to the left.
- 3) Perpendicular electrical entry type (D-M9□V) cannot be used.



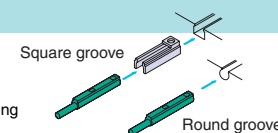
Rail Mounting

- 1) Adaptor piece part number is BQ2-012 (blue shaded part).
- 2) Select switch mounting bracket part number from table to the left.



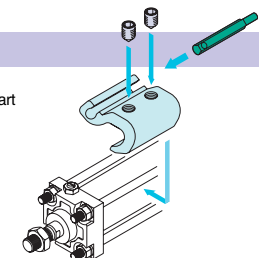
Groove Mounting

- 1) Adaptor piece part number is BMG2-012.
- 2) Adaptor piece is required for mounting D-M9□ auto switch into a square groove.



Tie-Rod Mounting

- 1) Select switch mounting bracket part number from table to the left.



Optional 2-color indication

Optimum operating position seen at a glance.

- Simplifies the initial auto switch mounting. Easy to find the optimum operating position.
- Detects unintentional movement or tampering of auto switch position. Avoids problems related to detection failure.

