




**ALSO AVAILABLE**

**Heat Resistant Auto Switches**

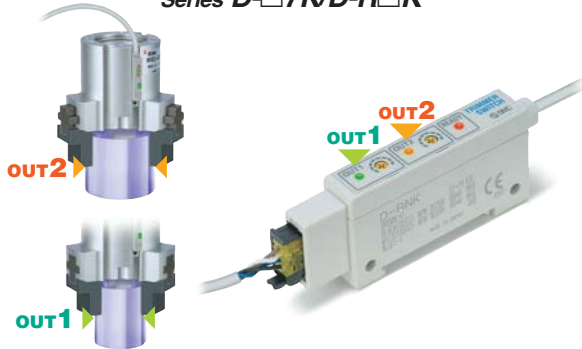
<p><b>150°C</b></p> 	<p><b>Heat resistant 2 color indicator style solid state switch</b></p> <ul style="list-style-type: none"> <li>• Separate sensor and amplifier units.</li> <li>• Ambient temperature: 0 to 150°C (Sensor unit)</li> <li>• 0 to 150°C (Amplifier unit)</li> </ul>	<p>D-F7NJL</p> <p>Standard product 2 color indication</p> <p>Made to order Without indicator</p>
<p><b>120°C</b></p> 	<p><b>Heat resistant reed switch</b></p> <ul style="list-style-type: none"> <li>• Integral sensor and amplifier unit</li> <li>• Ambient temperature : 0 to 120°C</li> <li>• Enclosure :IP64 (terminal conduit) :IP67 (grommet)</li> </ul>	<p>D-B3□</p>

Made to order

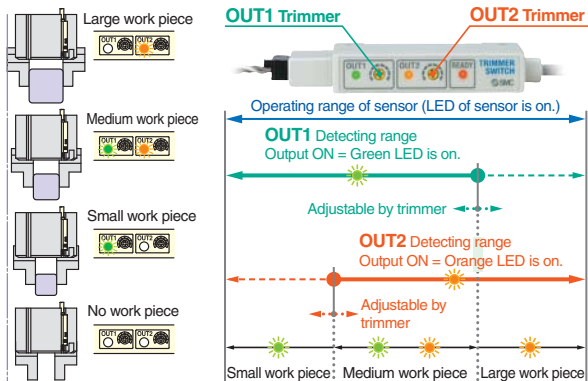
<p><b>130°C</b></p> 	<p><b>Heat resistant reed switch</b></p> <ul style="list-style-type: none"> <li>• Integral sensor and amplifier unit</li> <li>• Ambient temperature: 0 to 130°C</li> </ul>	<p>D-A73H-536</p>
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**Trimmer Auto Switch**

Series D-□7K/D-R□K



**OUT1 and OUT2 are adjustable separately.**



**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



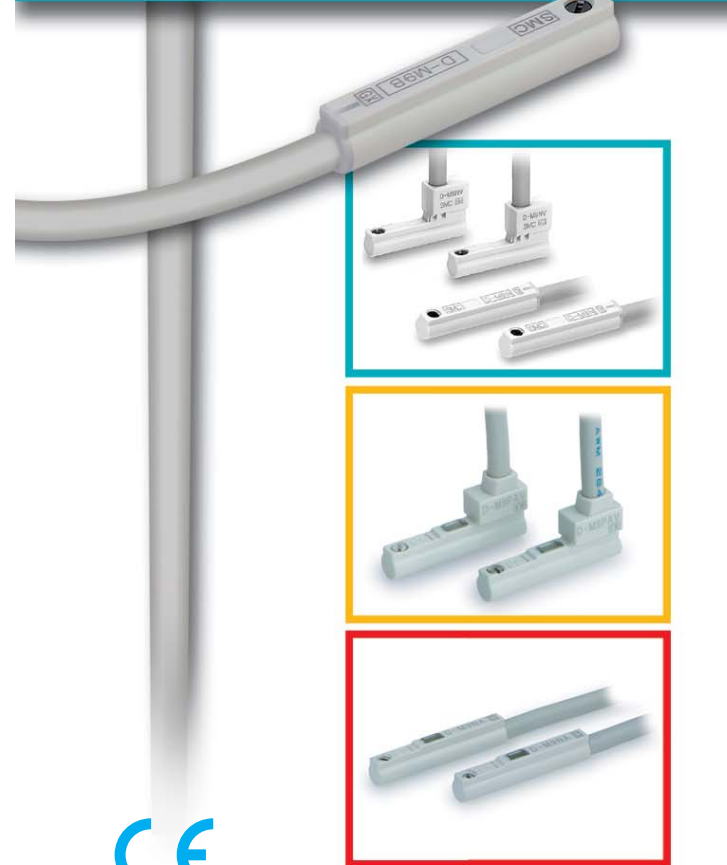
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 LY-PP10M



**Series D-M9 Auto Switch**



# Direct Mount Auto Switch

Series **D-M9**□

Replaces **D-F9**□



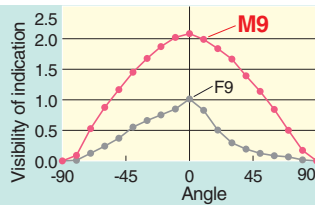
Conventional types  
**D-F9**□  
**D-F9**□W  
**D-F9BA**

New types  
**D-M9**□  
**D-M9**□W  
**D-M9**□A  
 2 color indication  
 Water proof

## Brighter Indicator Light

**Twice** the brightness

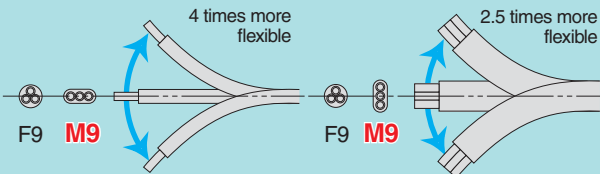
Control point brightness is improved for all viewing angles.



## More Flexible Lead Wire

**4 times** the flexibility

Flexible lead wire is available as standard.



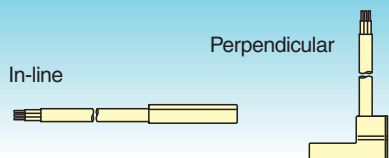
## Increased Range of Load Current

**2.5 to 40** mA (2-wire)

Conventional types  
**D-F9B**  
 5 to 40 mA

New types  
**D-M9B**  
 2.5 to 40 mA

## Two Types of Electrical Entry



## Mounting Bracket Part Numbers

For D-M9□ Auto Switches

Switch Mounting Method	Series	Bore Size	Adaptor Piece Part No.	Switch Mounting Bracket Part No.		
Band Mounting	NCDJ2 CDJ2	6mm	BJ3-1	BJ2-006		
		10mm		BJ2-010		
		16mm		BJ2-016		
	CDM2	20mm		BM2-020		
		25mm		BM2-025		
		32mm		BM2-032		
		40mm		BM2-040		
		50mm		BJ2-010		
	CD85	10mm		BJ2-016		
		16mm		BM2-020		
		20mm		BM2-025		
		25mm		BJ2-012		
		32mm		BJ2-015		
	NCDM	NCDM		0.44"	NBM2-075	
				0.56"	NBM2-088	
				0.75"	NBM2-106	
				0.88"	NBM2-125	
				1.06"	NBM2-150	
1.25"			NCMB-200			
2.00"			BMA2-020			
20mm			BMA2-025			
25mm			BMA2-032			
32mm			BMA2-040			
NCDG CDG1	NCDG CDG1	40mm	BMA2-050			
		50mm	BMA2-063			
		63mm	BQ-1			
		Rail Mounting	NCDQ2 CDQ2	12-25mm 32-50mm	BQ2-012	BQ-2
		Groove Mounting	MGP MGQ	12-100mm	BMG2-012	-
Tie-Rod Mounting	CDA2 CDNA CDLA					40, 50mm
		63mm	-	BA7-063		
		80, 100mm	-	BA7-080		
	MDB C95SD	32, 40mm	-	BMB5-032		
		50, 63mm	-	BA7-040		
		80, 100mm	-	BA7-063		
	NCDA1	NCDA1	1.50"	-	BMB5-032	
			2.00", 2.50"	-	BA7-040	
			3.25", 4.00"	-	BA7-063	
			-	-	-	

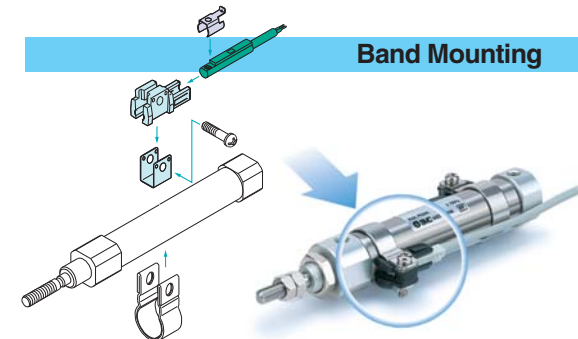
## ALSO AVAILABLE

Optional Pre-wired Connector

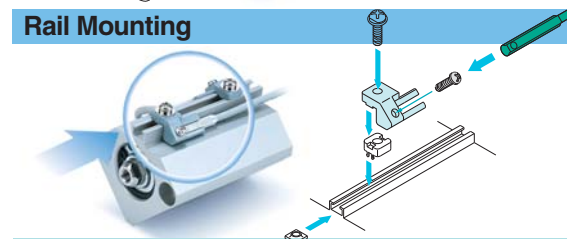
### Connector Specifications

Connector type	M8-3 pins	M8-4 pins	M12-4 pins
Pin arrangement			
Conformed standard	JIS C 4524, JIS C 4525, IEC 947-5-2, NECA 0402		
Impact resistance	300 m/s <sup>2</sup>		
Enclosure	IP67 (IEC529 standard)		
Insulation resistance	100 MΩ or more at 500 VDC Mega		
Withstand voltage	1500 VAC for 1 minute (between contacts), Leak current 1 mA or less		

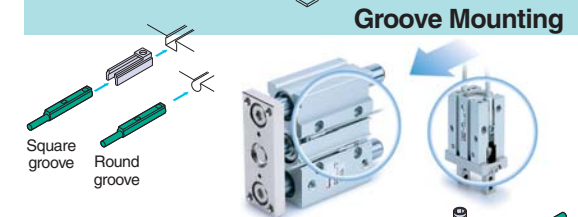
## Band Mounting



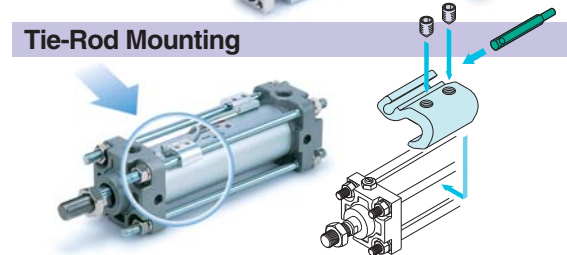
## Rail Mounting



## Groove Mounting



## Tie-Rod Mounting



## Two Color Indication

D-M9□W & D-M9□A

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.

