

Reed Switch Direct Mounting Style D-90/D-97

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Grommet
Lead wire: Parallel cord



Auto Switch Specifications

PLC: Abbreviation of Programmable Logic Controller

D-90 (Without indicator light)			
Auto switch model	D-90		
Applicable load	Relay, IC circuit, PLC		
Load voltage	5 VAC 5 VDC	12 VAC 12 VDC	24 VAC 24 VDC
Max. load current	50 mA		
Internal resistance	1 or less (Including lead wire length of 3 m)		
D-97 (With indicator light)			
Auto switch model	D-97		
Applicable load	Relay, PLC		
Load voltage	24 VDC		
Load current range ⁽³⁾	5 to 40 mA		
Internal voltage drop	2.4 V or less		
Indicator light	Red LED lights when ON.		

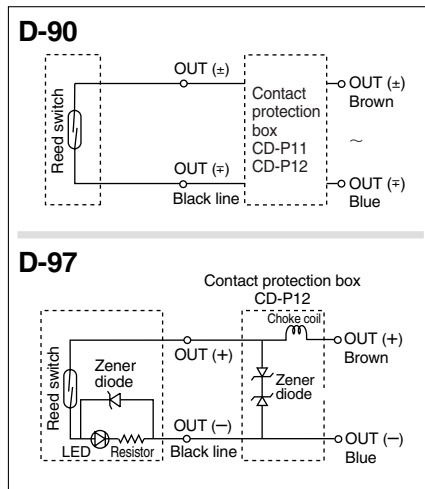
• Lead wire — Vinyl parallel cord, 0.2 mm², 2 cores, 0.5 m

Note 1) Regarding the common specifications of the reed switches, refer to page 6-16-7.

Note 2) Regarding the lead wire length, refer to page 6-16-7.

Note 3) Under 5 mA, the strength of the indicator light is poor. In some cases, visibility of the indicator light will not be possible where the output signal is less than 2.5 mA. However, there is no problem in terms of contact output, when an output signal exceeds 1 mA or more.

Auto Switch Internal Circuit



Note 1) Operating load is an induction load.

Note 2) Wiring to the load is 5 m or longer.

Use the contact protection box in any of the above listed situations. The contact point life may decrease. (Refer to page 6-16-7 for contact protection box.)

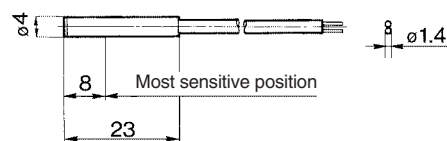
Weight

Auto switch model	D-90	D-97
Lead wire length (m)		
0.5	5	5
3	23	23
5	37	37

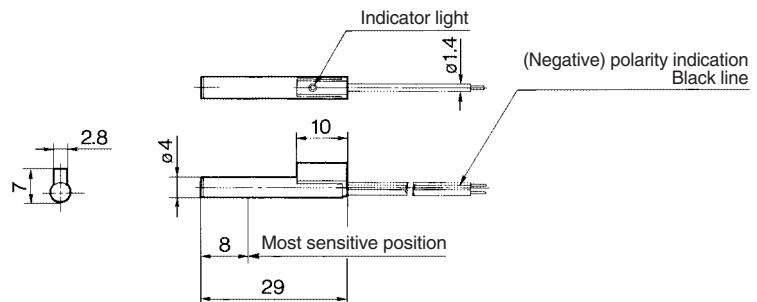
(g)

Dimensions

D-90



D-97



CJ1

CJP

CJ2

CM2

CG1

MB

MB1

CA2

CS1

C76

C85

C95

CP95

NCM

NCA

D-

-X

20-

Data