

# CS3M□, 4M□, 5M□



## Reed Switch Type Sensor Switch

### Applicable cylinders

- Slim cylinders ● Twinport cylinders ● GA ● ORC ● ORCA ● ORGA ● ORK Note
- MRG ● RAK ● Swing cylinders ● Twist cylinders

Note: Excluding  $\phi$  16 [0.630in.].

### Specifications

Item \ Model	CS3M□		CS4M□		CS5M□	
Wiring type	2-lead wire					
Load voltage	DC10～30V	AC85～230V (r.m.s.)	DC10～30V	AC85～115V (r.m.s.)	DC3～30V	AC85～115V (r.m.s.)
Load current	10～50mA <sup>Note 1</sup>	10～50mA(AC85～115V) <sup>Note 1</sup> 5～15mA(AC115～230V) <sup>Note 1</sup>	5～25mA <sup>Note 1</sup>	5～20mA <sup>Note 1</sup>	0.1～60mA	2～25mA
Internal voltage drop <sup>Note 2</sup>	2.5V MAX. (At 50mA load current)		2.2V MAX. (At 25mA load current)		0.2V MAX. (At 60mA load current)	
Leakage current	0mA					
Response time	1ms MAX.					
Insulation resistance	100MΩ MIN. (At DC500V Megger, between case and lead wire end )					
Dielectric strength	AC2200V (50/60Hz) in 1 minute (Between case and lead wire end)		AC1500V (50/60Hz) in 1 minute (Between case and lead wire end)			
Shock resistance <sup>Note 3</sup>	294.2m/s <sup>2</sup> [30G] (Non-repeated shock)					
Vibration resistance <sup>Note 3</sup>	88.3m/s <sup>2</sup> [9G] (Total amplitude 1.5mm [0.06in.], 10～55Hz), Resonance frequency 5000±400Hz					
Operation indicator	When ON: Red LED indicator lights up				—	
Lead wire <sup>Note4</sup>	PVC 0.2SQ×2-lead×ℓ					
Ambient temperature	0～60°C [32～140°F]					
Storage temperature range	－10～70°C [14～158°F]					
Contact protection	Required (See contact protection on p.1566.)					
Mass	20g [0.71oz.] (For lead wire length A: 1000mm)					

Notes: 1. Ta = 37°C [98.6°F]

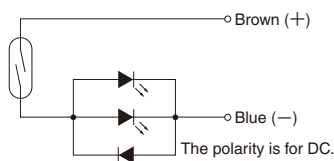
2. The internal voltage drop depends on load current.

3. Measured by Koganei test standard.

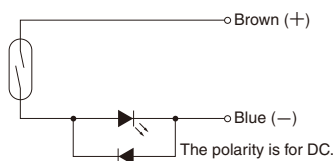
4. Lead wire length  $\ell$ : A: 1000mm [39in.], B: 3000mm [118in.]

### Internal Circuit

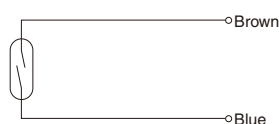
#### CS3M□



#### CS4M□

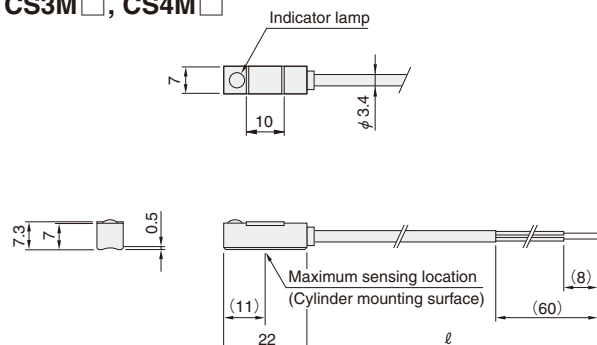


#### CS5M□



### Dimensions (mm)

#### CS3M□, CS4M□



#### CS5M□

