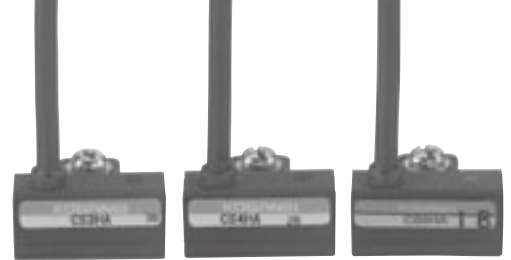


# CS3H□, 4H□, 5H□



## Reed Switch Type Sensor Switch

### Applicable cylinders

● Jig cylinders J series ● TDA  $\phi$  10[0.394in.]~  $\phi$  32[1.260in.] (previous type) ● Slide Units

### Specifications

Item	Model	CS3H□		CS4H□		CS5H□	
Wiring type		2-lead wire					
Load voltage		DC10~30V	AC85~115V (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 <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		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)					
Environmental protection		—					
Operation indicator		When ON: Red LED indicator lights up				—	
Lead wire <sup>Note 3</sup>		PCCV 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		30g [1.06oz.] (For lead wire length A: 1000mm)					

Notes: 1. Ta = 37°C [98.6°F]

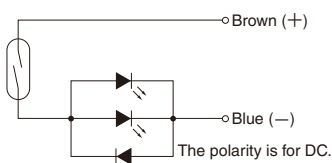
2. The internal voltage drop depends on load current.

3. Measured by Koganei test standard.

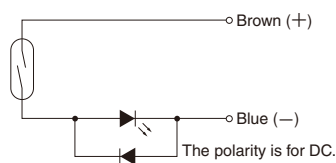
4. Lead wire length  $\ell$ : A; 1000mm [39in.], B; 3000mm [118in.]

### Internal Circuit

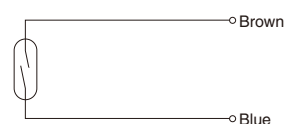
#### CS3H□



#### CS4H□



#### CS5H□



### Dimensions (mm)

#### CS3H□, CS4H□, CS5H□

