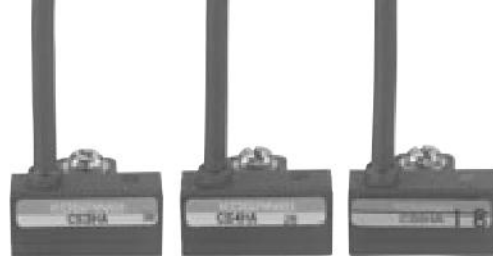


# CS3H□, 4H□, 5H□



## 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.)
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>
Internal voltage drop <sup>Note 2</sup>		2.5V MAX. (At 50mA load current)		2.2V MAX. (At 25mA load current)	
Leakage current		0mA			
Response time		1ms MAX.			
Insulation resistance		100M $\Omega$ 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 X 2-lead X $\ell$			
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]

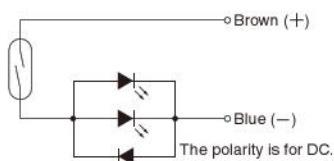
2. The internal voltage drop depends on load current.

3. Measured by Koganei test standard.

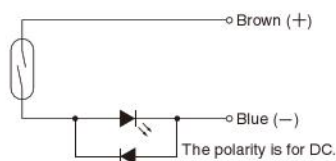
4. Lead wire length  $\ell$ : A; 1000mm [39in.], B; 3000mm [118in.]

### Internal Circuit

#### CS3H□



#### CS4H□



#### CS5H□



### Dimensions (mm)

#### CS3H□, CS4H□, CS5H□

Indicator lamp (CS5H□ is not included.)

