

CS5T□, CS11T□

Products compliant with the EMC Directive



Reed Switch Type Sensor Switch

Applicable cylinders

- Knock cylinders double acting type ● Multi mount cylinders ● DYNA cylinders ● SD cylinders ● TDA ϕ 6[0.236in.] ● AMT ● ARTB ● ACY (For the intermediate stopper) ● ORK ϕ 16[0.630in.] ● RAP ● RAN ● Swing cylinders

Specifications

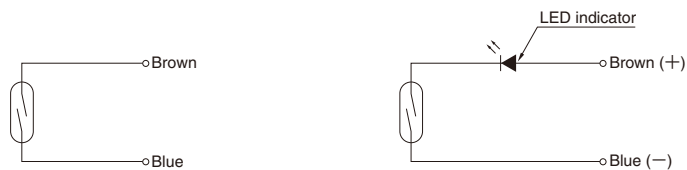
Item	Model	CS5T□	CS11T□
Wiring type		2-lead wire	
Load voltage		DC5~28V, AC85~115V (r.m.s.)	DC10~28V
Load current		DC0.1~40mA, AC2~25mA	DC5~40mA
Internal voltage drop ^{Note 1}		0.1V MAX. (At 40mA load current)	2.1V MAX. (At 40mA load current)
Leakage current		0mA	
Response time		1ms MAX.	
Insulation resistance		100M Ω MIN. (At DC500V Megger, between case and lead wire end)	
Dielectric strength		AC1500V (50/60Hz) in 1 minute (Between case and lead wire end)	AC1000V (50/60Hz) in 1 minute (Between case and lead wire end)
Shock resistance ^{Note 2}		294.2m/s ² [30G] (Non-repeated shock)	
Vibration resistance ^{Note 2}		88.3m/s ² [9G] (Total amplitude 1.5mm [0.06in.], 10~55Hz), Resonance frequency 2750 \pm 250Hz	
Environmental protection		IP67 (IEC standard), JIS C0920 (Water-proof type)	
Operation indicator		—	When ON: Red LED indicator lights up
Lead wire ^{Note 3}		PVC 0.2SQ \times 2-lead \times 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. The internal voltage drop depends on load current.
 2. Measured by Koganei test standard.
 3. Lead wire length ℓ : A; 1000mm [39in.], B; 3000mm [118in.]

Internal Circuit

CS5T□

CS11T□



Dimensions (mm)

CS5T□

CS11T□

