

# ZC301 □, ZC305 □



## Reed Switch Type Sensor Switch

### Applicable cylinders

● AGTB ● AGTC ● ORCJ ● MRC

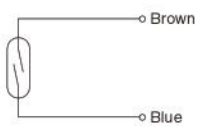
### Specifications

Item	Model	ZC301 □	ZC305 □
Wiring type		2-lead wire	
Load voltage		DC5~28V	AC85~115V (r.m.s.)
Load current		0.1~40mA	2~25mA
Internal voltage drop <sup>Note 1</sup>		0.1V MAX. (At 40mA 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)	AC1000V (50/60Hz) in 1 minute (Between case and lead wire end)
Shock resistance <sup>Note 2</sup>		294.2m/s <sup>2</sup> [30G] (Non-repeated shock)	
Vibration resistance <sup>Note 2</sup>		88.3m/s <sup>2</sup> [9G] (Total amplitude 1.5mm [0.06in.], 10~55Hz), Resonance frequency 2750±250Hz	
Environmental protection		IP67 (IEC standard), JIS C0920 (Water-proof type)	
Operation indicator		—	When ON: Red LED indicator lights up
Lead wire <sup>Note 3</sup>		PCCV 0.2SQ X 2-lead X 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)	

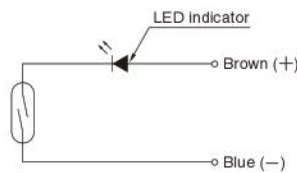
Notes: 1. The internal voltage drop depends on load current.  
 2. Measured by Koganei test standard.  
 3. Lead wire length ℓ : A; 1000mm [39in.], B; 3000mm [118in.]

### Internal Circuit

#### ZC301 □

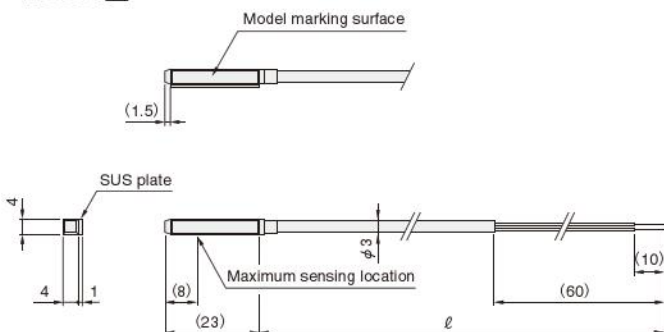


#### ZC305 □



### Dimensions (mm)

#### ZC301 □



#### ZC305 □

