

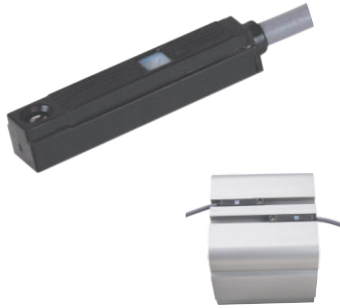
Cylinder Switch

CS1-U
CS1-F
CS1-S
CS1-J
CS1-C
CS1-S_i
CS1-M
CS1-G_i
CS1-M_i
CS1-J_i
CS1-D
CS1-H
CS1-L
CS1-E
CS1-Z

M8

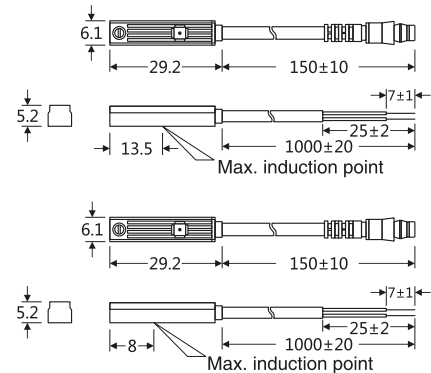
Fixation clamp

Fixation belt



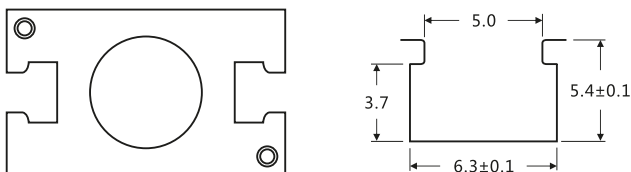
CS1-M_i
CS1-M_i-QD

CS1-M_iN
CS1-M_iN-QD
CS1-M_iP
CS1-M_iP-QD

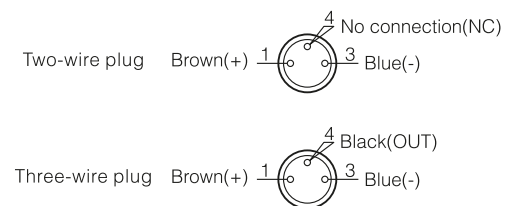


Characteristic	type	CS1-M _i	CS1-M _i N	CS1-M _i P
Switch logic		SPST NO	Electrical Non-contact; NO	
Sensor type		Contact-reed style	Non-contact solid state NPN	Non-contact solid state PNP
Opreating voltage		5~240V DC/AC	5~30V DC	
Switching current		100mA max	200mA max	
Contact rating		10W max	6W max	
Internal current consumption		Non	20mA max@24V (Switch active)	
Voltage drop		2.5V max@100mA	0.5V max@200mA	
Leakage current		Non	0.01mA max	
Indicator		Red LED	Red LED	Green LED
Cable		3.2Φ, 2C, Brown-oil resistance (PVC)	3.2Φ, 3C, Black-oil resistance (PVC)	
Sensitivity (Note 1)		40 Gauss		
Max.switch frequency		200Hz	1000Hz	
Temperature range		-10~70℃		
Shock (Note 2)		30G	50G	
Vibration (Note 3)		9G		
Protection classification		IEC 529 IP67(NEMA6)		
Protection circuit		Without	With protection circuit	
Circuit diagram				

Suitable for SMC standard cylinder



QD connector diagram



Note:

- Standard magnet for measurement: $\Phi 15.5 \times \Phi 8 \times 5T$ (orthorhombic rubber magnet).
- Sine wave/X, Y, Z 3 axial/3 loops (each direction) /11ms.
- The complex amplitude is 1.5mm/10Hz~55Hz~10Hz (reciprocating for 1 minute) /X, Y, Z 3 axial/hour (each cycle).