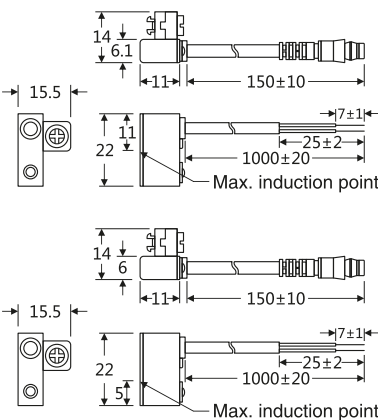




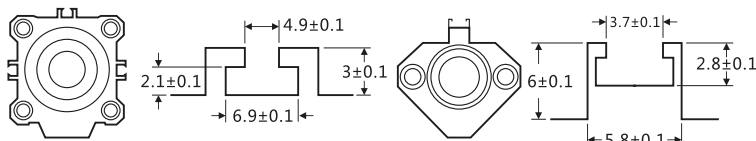
CS1-J₁
CS1-J₁-QD

CS1-J₁N
CS1-J₁N-QD
CS1-J₁P
CS1-J₁P-QD

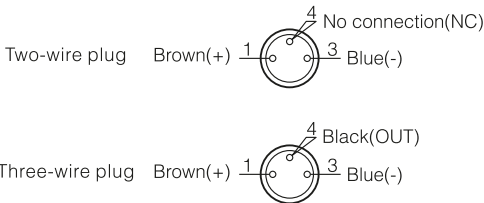


Characteristic	type	CS1-J ₁ (SMC)	CS1-J ₁ N	CS1-J ₁ P
Switch logic		SPST NO	Electrical Non-contact; NO	
Sensor type		Contact-reed style	Non-contact solid state NPN	Non-contact solid state PNP
Opreating voltage		5~240V DC/AC	5~30V DC	
Switching current		100mA max	200mA max	
Contact rating		10W max	6W 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 NORGREN standard cylinder



QD connector diagram



- Note:
- Standard magnet for measurement: Φ15.5×Φ8×5T (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).

Cylinder Switch
CS1-U
CS1-F
CS1-S
CS1-J
CS1-C
CS1-S ₁
CS1-M
CS1-G
CS1-G ₁
CS1-M ₁
CS1-J ₁
CS1-D
CS1-H
CS1-L
CS1-E
CS1-Z
M8
Fixation clamp
Fixation belt