

Cylinder Switch

CS1-U

CS1-F

CS1-S

CS1-J

CS1-C

CS1-S,

CS1-M

CS1-G

CS1-G,

CS1-M,

CS1-J,

CS1-D

CS1-H

CS1-L

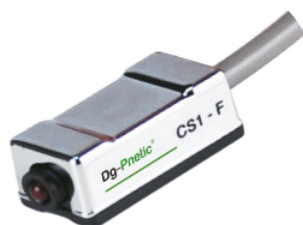
CS1-E

CS1-Z

M8

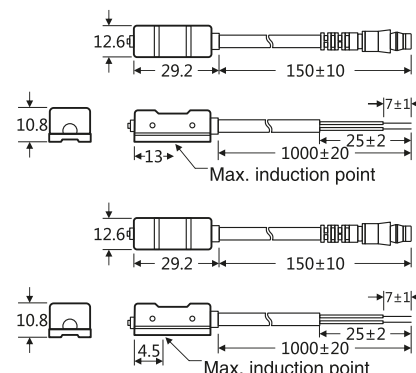
Fixation clamp

Fixation belt



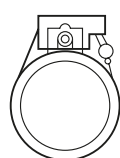
CS1-F
CS1-F-QD

CS1-FN
CS1-FN-QD
CS1-FP
CS1-FP-QD



Characteristic	type	CS1-F	CS1-FB	CS1-FN	CS1-FP
Switch logic		SPST NO	SPST NC	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	5~120V 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	Green LED	Red LED	Green LED
Cable		3.8Φ, 2C, Brown-oil resistance (PVC)		3.8Φ, 3C, Black-oil resistance (PVC)	
Sensitivity (Note 1)		60 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 round tube cylinder



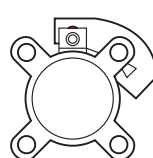
PBNPN
Steel fixation belt



SC-PM
Fixation bracket

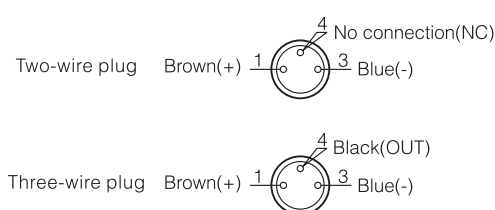


PAC
Fixation bracket



PI/SU
Fixation bracket

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).