

Cylinder Switch

CS1-U
CS1-F
CS1-S
CS1-J
CS1-C
CS1-S,
CS1-M
CS1-G,
CS1-M,
CS1-J,
CS1-D
CS1-H
CS1-L
CS1-E
CS1-Z

M8

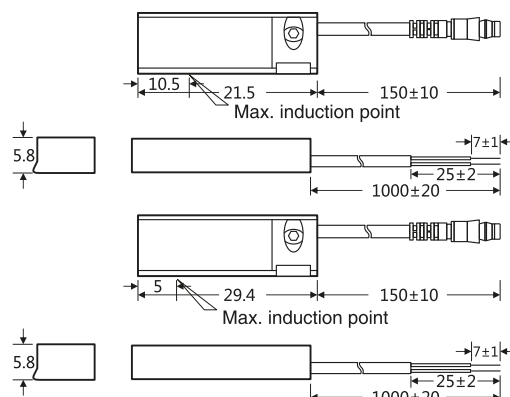
Fixation clamp

Fixation belt



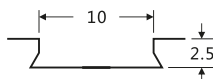
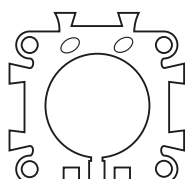
KL3045
KL3045-QD

KL3060
KL3060-QD
KL3054
KL3054-QD

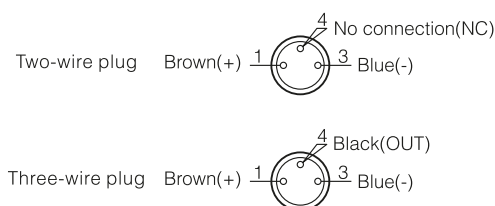


Characteristic	type	CS1-Z	CS1-ZN	CS1-ZP
Switch logic		SPST NO	Electrical Non-contact; NO	
Sensor type		Contact-reed style	Non-contact solid state NPN	Non-contact solid state PNP
Opreating voltage		5~240V DC/AC	5~30V DC	
Switching current		100mA max	200mA max	
Contact rating		10W max	6W max	
Internal 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, 2C, 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				

ORIGA GROOVE



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).