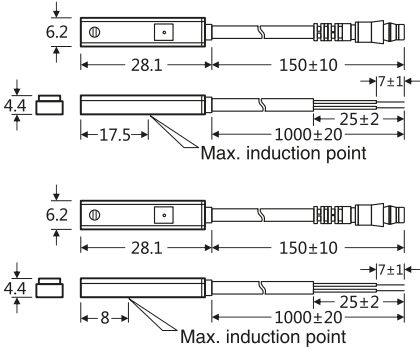




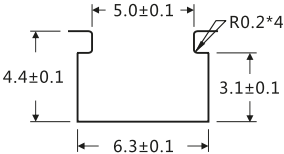
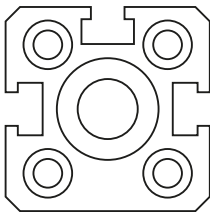
CS1-M
CS1-M-QD

CS1-MN
CS1-MN-QD
CS1-MP
CS1-MP-QD

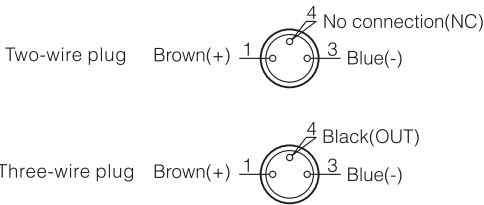


Characteristic	type	CS1-M(DNC)	CS1-MN	CS1-MP
Switch logic		SPST NO	Electrical Non-contact; NO	
Sensor type		Contact-reed style	Non-contact solid state NPN	Non-contact solid state PNP
Opreating voltage		5~240V DC/AC	5~30V DC	
Switching current		100mA max	200mA max	
Contact rating		10W max	6W max	
Internal 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				

Suitalbe for FESTO 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-S₁

CS1-M

CS1-G

CS1-G₁

CS1-M₁

CS1-J₁

CS1-D

CS1-H

CS1-L

CS1-E

CS1-Z

M8

Fixation clamp

Fixation belt