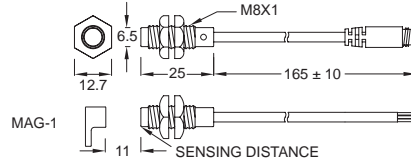


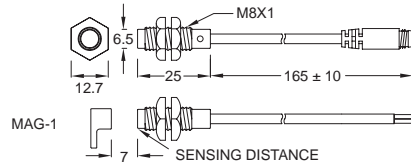


■ DIMENSION

CS-28N, CS-28P, CS-28N-NC
CS-28N-QD, CS-28P-QD, CS-28N-NC-QD



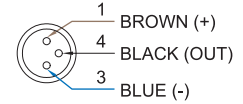
CS-28R / CS-28R-QD



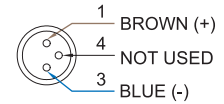
Unit:mm

■ QD PINOUT

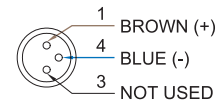
*3 wire QD wiring



*2 wire QD wiring



*2 wire EQD wiring



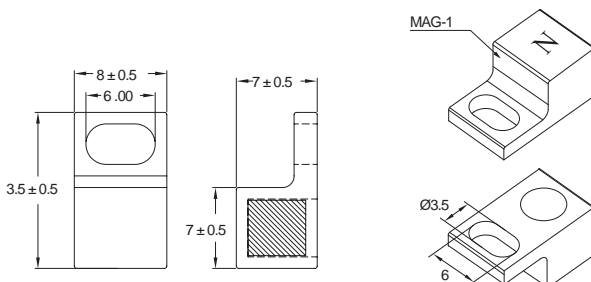
■ SPECIFICATION

TYPE	CS-28R	CS-28N	CS-28N-NC	CS-28P
CONNECT DIAGRAM				
CHARACTERISTICS				
Wiring Method	2-Wire Type		3-Wire Type	
Switching Logic	SPST, Normally Open	Solid State Output, Normally Open	Normally Close	Solid State Output, Normally Open
Sensor Type	Reed Switch	NPN Current Sinking		PNP Current Sourcing
Operating Voltage	5~120V DC/AC	5~30V DC		
Switching Current	40mA max.	100mA max.		
Contact Rating (*1)	5W max.	6W max.		
Current Consumption	-	18mA @ 24V DC max.		
Voltage Drop	2.5 V max.	0.5 V max.		
Leakage Current	-	0.01 mA max.		
Indicator		Red LED		Green LED
Cable	ø3.3, 2C, PVC	ø3.3, 3C, PVC		
Operating Frequency	200 Hz	1000 Hz		
Sensing Distance (*2)	7 mm max.	11 mm max.		
Temperature Range	-10~70°C (+14~158°F)			
Shock (*3)	30G	50G		
Vibration (*4)	9G			
Enclosure Classification	IEC 60529 IP67 (NEMA 6)			
Protection Circuit (*5)	1	3,4		

NOTE:

1. WARNING: Never exceed rating (Watt=Voltage x Amperage). Permanent damage to sensor will occur.
2. Measuring standard target: ø15.5Xø8X5t (Anisotropy rubber magnet)
3. Sin wave / X, Y, Z 3 directions / 3 times each direction / 11 ms each time.
4. Double amplitude 1.5 mm / 10Hz~55Hz~10Hz (Sweep 1 min) / X, Y, Z 3 directions / 1 hour each time.
5. 1=None / 2=Short-circuit / 3=Power Source Reverse polarity / 4=Surge Suppression

■ NdFeB MAGNET



Unit:mm