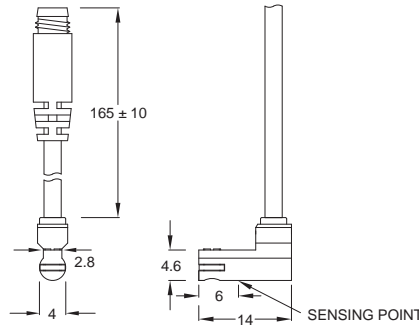


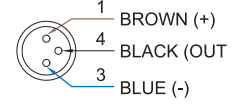
■ DIMENSIONS

CS-37D, CS-37DE, CS-37N, CS-37NE, CS-37P, CS-37PE, /
CS-37D-QD, CS-37DE-QD, CS-37N-QD, CS-37NE-QD,
CS-37P-QD, CS-37PE-QD

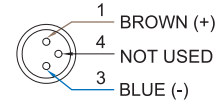


■ QD PINOUT

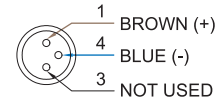
*3 wire QD wiring



*2 wire QD wiring



*2 wire EQD wiring



■ SPECIFICATIONS

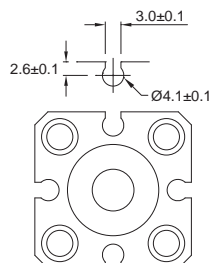
Unit:mm

TYPE	CS-37D	CS-37DE	CS-37N	CS-37NE	CS-37P	CS-37PE
CONNECT DIAGRAM						
CHARACTERISTICS						
Wiring Method	2-Wire type			3-Wire type		
Switching Logic	Solid State Output, Normally Open					
Sensor Type	-		NPN Current Sinking		PNP Current Sourcing	
Operating Voltage	10~28V DC	5~30V DC	4.5~28V DC	5~30V DC	4.5~28V DC	5~30V DC
Switching Current	4~20mA max.		50mA max.			
Contact Rating (*1)	0.6W max.		1.5W max.			
Current Consumption	-		10mA @ 24V DC max.			
Voltage Drop	3.5V max.		0.5V @ 50mA max.			
Leakage Current	0.8mA max.	0.1mA(40uA) max.	0.01mA max.			
Indicator	Red LED					
Cable	ø2.6, 2C, PVC			ø2.6, 3C, PVC		
Operating Frequency	1000Hz max.					
Magnet Requirement (*2)	40Gauss	40~1000Gauss	40Gauss	40~1000Gauss	40Gauss	40~1000Gauss
Temperature Range	-10~70°C (+14~158°F)					
Shock (*3)	50G					
Vibration (*4)	9G					
Enclosure Classification	IEC 60529 IP67 (NEMA 6)					
Protection Circuit (*5)	4		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

■ GROOVE DIMENSIONS



Unit:mm