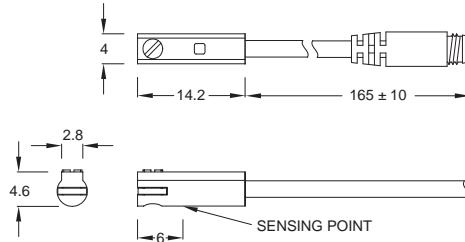


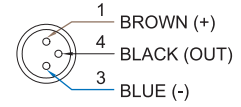
### ■ DIMENSIONS

CS-36D, CS-36DE, CS-36N, CS-36NE, CS-36P, CS-36PE, /  
 CS-36D-QD, CS-36DE-QD, CS-36N-QD, CS-36NE-QD,  
 CS-36P-QD, CS-36PE-QD

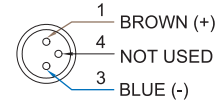


### ■ QD PINOUT

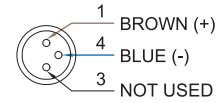
\*3 wire QD wiring



\*2 wire QD wiring



\*2 wire EQD wiring



### ■ SPECIFICATIONS

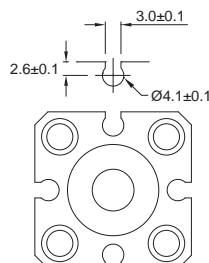
Unit:mm

TYPE	CS-36D	CS-36DE	CS-36N	CS-36NE	CS-36P	CS-36PE
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	ø2.8, 2C, PU		ø2.8, 3C, PU			
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