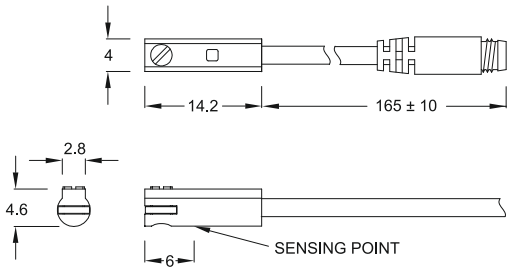
MV58 SERIES

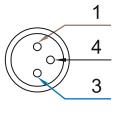
■ DIMENSIONS

MV-58D, MV-58DE, MV-58N, MV-58NE, MV-58P, MV-58PE / MV-58D-QD, MV-58DE-QD, MV-58N-QD, MV-58NE-QD, MV-58P-QD, MV-58PE-QD

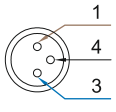


■ QD PINOUT

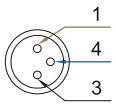
***3 wire QD wiring**



***2 wire QD wiring**

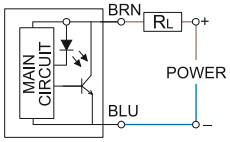
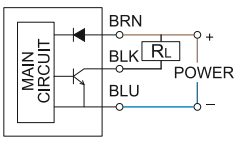
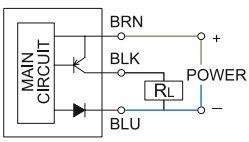


***2 wire EQD wiring**



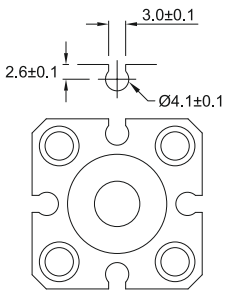
■ SPECIFICATIONS

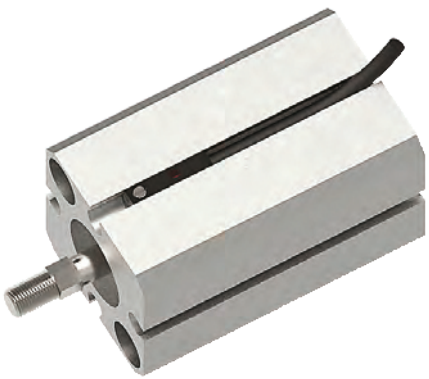
Unit:mm

TYPE	MV-58D	MV-58DE	MV-58N	MV-58NE	MV-58P	MV-58PE
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	ø 2.6, 2C, PVC		ø 2.6, 3C, PVC			
Operating Frequency	1000Hz max.					
Magnet Requirement (*2)	40Gauss	40~1000Gauss	40Gauss	40~1000Gauss	40Gauss	40~1000Gauss
Temperature Range	-10~70˚C					
Shock (*3)	50G					
Vibration (*4)	9G					
Enclosure Classification	IEC 60529 IP67					
Protection Circuit (*5)	4	3,4				

NOTE:
1. WARNING: Never exceed rating (Watt=Voltage x Amperage). Permanent demage 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