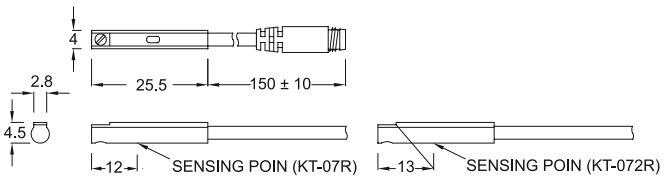
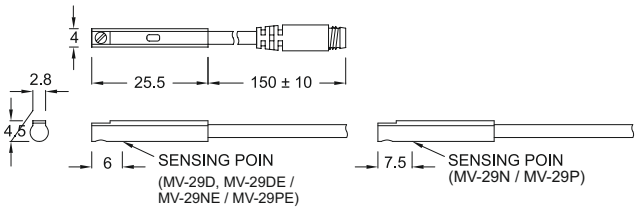
MV29 SERIES

■ DIMENSIONS

MV-29R,MV-292R / MV-29R-QD, MV-292R-QD



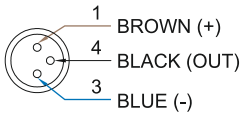
MV-29D, MV-29DE, MV-29N, MV-29NE, MV-29P, MV-29PE / MV-29D-QD, MV-29DE-QD, MA-29N-QD, MV-29NE-QD, MV-29P-QD, MV-29PE-QD



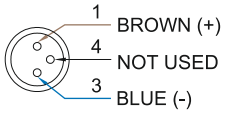
Unit:mm

■ QD PINOUT

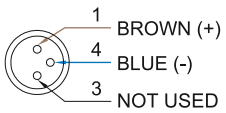
***3 wire QD wiring**



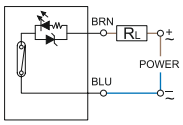
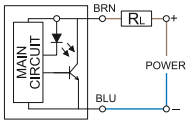
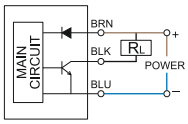
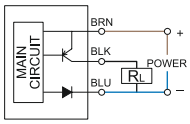
***2 wire QD wiring**



***2 wire EQD wiring**

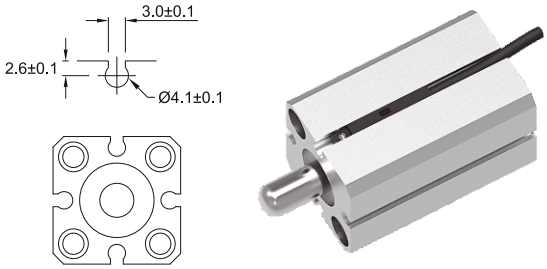


■ SPECIFICATIONS

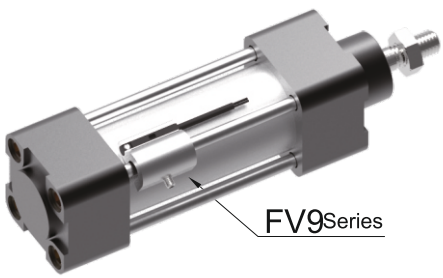
TYPE	MV-29R	MV-292R	MV-29D	MV-29DE	MV-29N	MV-29NE	MV-29P	MV-29PE
CONNECT DIAGRAM / CHARACTERISTICS								
Wiring Method	2-Wire Type				3-Wire Type			
Switching Logic	SPST, Normally Open		Solid State Output, Normally Open					
Sensor Type	Reed Switch		-		NPN Current Sinking		PNP Current Sourcing	
Operating Voltage	5~120V DC/AC	5~240V DC/AC	10~28V DC	5~30V DC				
Switching Current	100mA max.		4~40mA max.	50mA max.	200mA max.			
Contact Rating (*1)	10W max.		1.1W max.	1.5W max.	6W max.			
Current Consumption	-				8mA @ 24V DC max.	6mA @ 24V DC max.	8mA @ 24V DC max.	6mA @ 24V DC max.
Voltage Drop	3.5V max.			3.7V max.	1V @ 200mA max.	0.5V @200mA max.	1V @200mA max.	0.5V @200mA max.
Leakage Current	-		1mA max.	0.1mA(40uA) max.	0.01mA max.			
Indicator	Red LED	Green LED	Red LED				Green LED	
Cable	ø2.8, 2C, PUR				ø2.8, 3C, PUR			
Operating Frequency	200Hz		1000Hz max.					
Magnet Requirement (*2)	70Gauss		40Gauss	40~1000Gauss	40Gauss	40~1000Gauss	40Gauss	40~1000Gauss
Temperature Range	-10~70˚C							
Shock (*3)	30G		50G					
Vibration (*4)	9G							
Enclosure Classification	IEC 60529 IP67							
Protection Circuit (*5)	1		4	3,4	2,3,4	3,4	2,3,4	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



■ BRACKET



Unit:mm