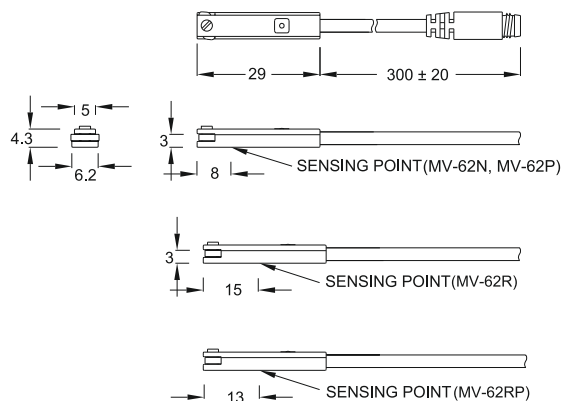


# MV62 SERIES



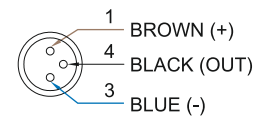
## ■ DIMENSIONS

MV-62R, MV-62N, MV-62P, MV-62RP /  
MV-62R-QD, MV-62N-QD, MV-62P-QD, MV-62RP-QD

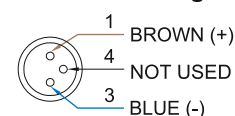


## ■ QD PINOUT

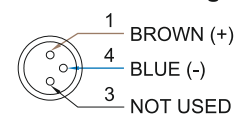
\*3 wire QD wiring



\*2 wire QD wiring



\*2 wire EQD wiring



Unit:mm

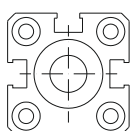
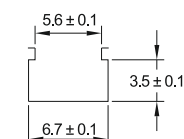
## ■ SPECIFICATIONS

TYPE	MV-62R	MV-62N	MV-62P	MV-62RP
<b>CONNECT DIAGRAM</b>				
<b>CHARACTERISTICS</b>				
Wiring Method	2-Wire Type	3-Wire Type		
Switching Logic	SPST, Normally Open	Solid State Output, Normally Open		SPST, Normally Open
Sensor Type	Reed Switch	NPN Current Sinking	PNP Current Sourcing	Reed Switch
Operating Voltage	5~120V DC/AC	10~30V DC		10~30V DC/AC
Switching Current		100mA max.		500mA max.
Contact Rating (*1)	10W max.	3W max.		10W max.
Current Consumption	-	8mA @ 24V DC max.		10mA @ 24V DC max.
Voltage Drop	3.5V max.	1.5V max.		0.1V @ 100mA max.
Leakage Current	-	0.01mA max.		-
Indicator	Red LED		Yellow LED	
Cable	ø3.2, 2C, PUR	ø3.3, 3C, PUR		
Operating Frequency	200Hz	1000Hz		200Hz
Magnet Requirement (*2)	50Gauss	45Gauss		
Temperature Range	-10~70°C			
Shock (*3)	30G	50G		30G
Vibration (*4)	9G			
Enclosure Classification	IEC 60529 IP67			
Protection Circuit (*5)	1	2,3,4		1

**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



## ■ CLAMP / BRACKET

