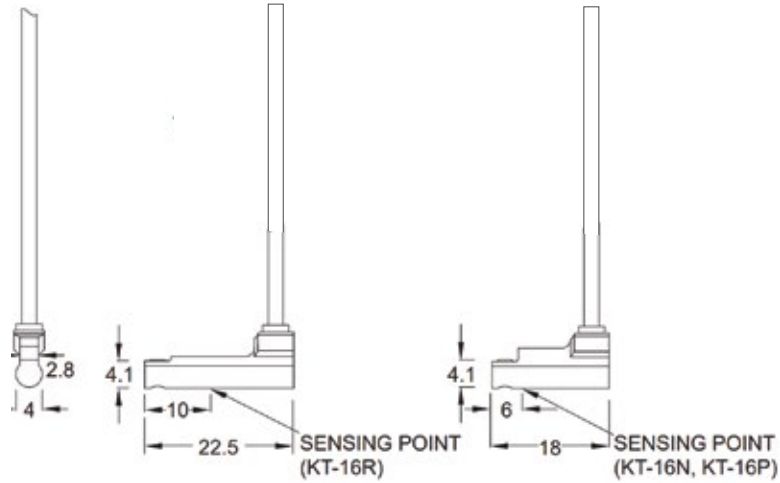


■ **Dimensions**

KT-16R, KT-16N, KT-16P



■ **Specifications**

MODEL	KT-16R	KT-16N	KT-16P
<b>Connect Diagram</b>			
<b>Characteristics</b>			
<b>Wiring Method</b>	2-Wire Type	3-Wire Type	
<b>Switching Logic</b>	SPST, Normally Open	Solid State Output, Normally Open	
<b>Sensor Type</b>	Reed Switch	NPN Current Sinking	PNP Current Sourcing
<b>Operating Voltage</b>	5 ~ 120 V DC / AC	5 ~ 30 V DC	
<b>Switching Current</b>	100 mA max.	50 mA max.	
<b>Contact Rating *1</b>	6 W max.	1.5 W max.	
<b>Current Consumption</b>	-	7 mA @ 24 V DC max.	9 mA @ 24 V DC max.
<b>Voltage Drop</b>	3.5 V max.	1.5 V @ 0.5 A max.	
<b>Leakage Current</b>	-	0.01 mA max.	
<b>Indicator</b>	Red LED		Green LED
<b>Cable</b>	ø2.8 PUR - 26AWG (0.15mm <sup>2</sup> ) - 2 cores	ø2.8 PUR - 26AWG (0.15mm <sup>2</sup> ) - 3 cores	
<b>Operating Frequency</b>	200 Hz	1000 Hz	
<b>Magnet Requirement *2</b>	70 Gauss	40 Gauss	
<b>Temperature Range</b>	-10 ~ 70 °C		
<b>Shock *3</b>	30 G	50G	
<b>Vibration *4</b>	9 G		
<b>Enclosure Classification</b>	IEC 60529 IP67		
<b>Protection Circuit *5</b>	1	3, 4	

**NOTE:**

\*1 : WARNING : Never exceed rating ( Watt = Voltage x Ampere).  
Permanent damage to sensor will occur.

\*2 : Measuring standard target : ø15.5 × ø8 × 5t ( Anisotropy rubber magnet )

\*3 : Sine wave / X , Y , Z 3 directions / 3 times each direction / 11 ms each time.

\*4 : Double amplitude 1.5 mm / 10 Hz ~ 55 Hz ~ 10 Hz ( 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

■ **Clamps**

