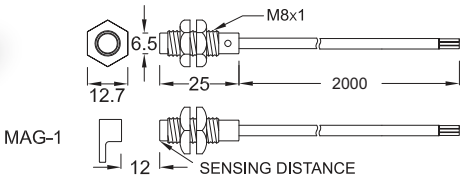
BTH
Magnetic Reed Sensors

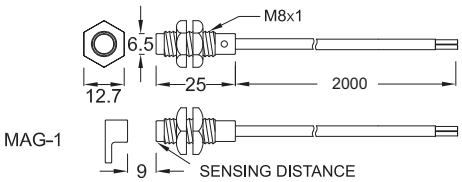
RoHS
SERIES **KT-28**

Dimensions

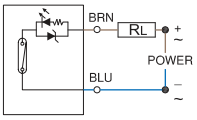
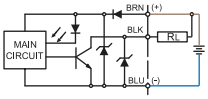
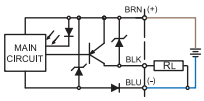
KT-28N, KT-28P



KT-28R



Specifications

MODEL	KT-28R	KT-28N	KT-28P
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 Sinking
Operating Voltage	5~120V DC/AC	5~30 VDC	
Switching Current	40 mA max.	100 mA. max.	
Contact Rating (Note 1)	5 W max.	6 W max.	
Current Consumption	--	18 mA @24V DC max.	
Voltage Drop	2.5 V max.	0.6V @25mA max.	
Leakage Current	--	0.01 mA max.	
Indicator	Red LED	Green LED	
Cable	ø3.3, 2C, PVC		
Operating Frequency	200 Hz	1000K Hz	
Sensing Distance (Note 2)	9 mm max.	12 mm max.	
Temperature Range	-10~70ºC		
Shock (Note 3)	30 G	50 G	
Vibration (Note 4)	9 G		
Enclosure Classification	IEC 529 IP 67		
Protection Circuit (Note 5)	1	3, 4	

NOTE :

1. WARNING : Never exceed rating (watt=Voltage x Ampere). Permanent damage to sensor will occur.
2. Measuring standard target: MAG-1, (NdFeB Magnet)
2. Sine wave / X, Y, Z 3 Directions / 3 times each direction / 11 ms each time.
3. Double amplitude 1.5 mm / 10Hz~55Hz~10Hz (Sweep 1 min) / X, Y, Z 3 directions / 1 hour each time.
4/ 1=None / 2=Short-circuit / 3=Power Source Reverse polarity / 4=Surge Suppression

NdFeB MAGNET

(Magnet MAG-1, sold seperately