

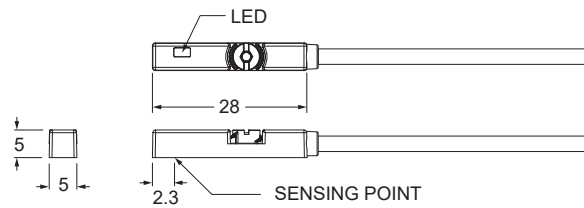
KT-65-UL SERIES



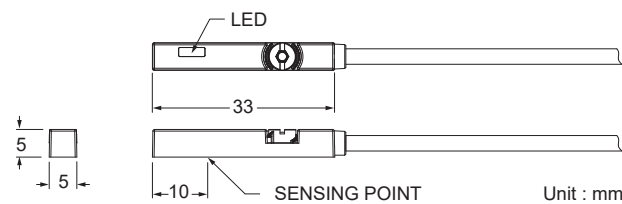
Patented

Dimensions

KT-65N-UL, KT-65P-UL, KT-65D-UL

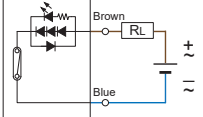
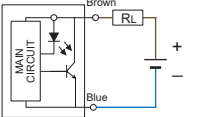
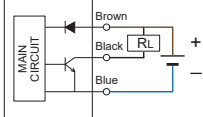
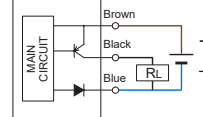
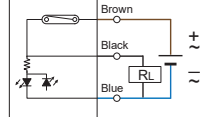


KT-65R-UL, KT-65RP-UL



M8 Connector option is not available

Specifications

MODEL	KT-65R-UL	KT-65D-UL	KT-65N-UL	KT-65P-UL	KT-65RP-UL
Connect Diagram					
Characteristics					
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 ~ 30 V DC / AC	10 ~ 28 V DC			10 ~ 30 V DC / AC
Switching Current	60 mA max.	40 mA max.	100 mA max.		
Contact Rating ※1	1.8 W max.	1.2 W max.	3 W max.		
Current Consumption ※2	-		10 mA @ 24 V DC max.		
Voltage Drop ※2	3.0 V max.	3.5 V max.	1.5 V max.		0.1 V @ 100 mA max.
Leakage Current ※2	-	0.8 mA max.	0.05 mA max.		-
Indicator	Red LED			Yellow LED	
Lead Wire	Ø2.8 PUR - 26 AWG (0.15 mm ²) - 2 cores		Ø2.8 PUR - 26 AWG (0.15 mm ²) - 3 cores		
Operating Frequency	200 Hz	1000 Hz			200 Hz
Magnet Requirement ※2, 3	75 Gauss	50 Gauss			65 Gauss
Temperature Range	-10 ~ 60 °C	-10 ~ 70 °C			
Shock ※4	30 G	50 G			30 G
Vibration ※5	9 G				
Enclosure	IEC 60529 IP67				
Protection Circuit ※6	1	2	2, 3, 4		1

NOTE

※1 : WARNING : Never exceed rating (Watt = Voltage × Amperage).
Permanent damage to sensor will occur.

※2 : It bases on conditions of voltage 24 V DC, ambient temp. 25 °C and 2 meters cable of sensor. Voltage drop increases in pace with cable length.

※3 : Measuring standard target : Ø15.5 × Ø8 × 5t (Anisotropy rubber magnet)

※4 : Sin wave / X, Y, Z 3 directions / 3 times each direction / 11 ms each time.

※5 : Double amplitude 1.5 mm / 10 Hz ~ 55 Hz ~ 10 Hz (Sweep 1 min) / X, Y, Z 3 directions / 1 hour each time.

※6 : 1 = None / 2 = Short-circuit / 3 = Power Source Reverse polarity / 4 = Surge Suppression

Groove Dimensions

Clamp / Bracket

