

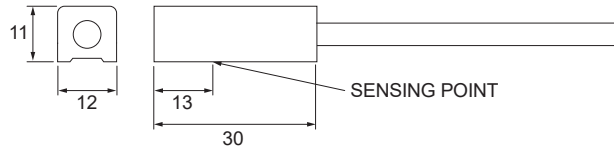
KT-31 SERIES



High Temp. Resistant
Max 140 °C

Dimensions

M8 Connector
option is not available



Unit : mm

Specifications

MODEL	KT-31R
Connect Diagram	
Characteristics	
Wiring Method	2-Wire Type
Switching Logic	SPST, Normally Open
Sensor Type	Reed Switch
Operating Voltage	5 ~ 240 V DC / AC
Switching Current	500 mA max.
Contact Rating ※1	10 W max.
Current Consumption ※2	-
Voltage Drop ※2	0.5 V max.
Leakage Current ※2	-
Indicator	-
Lead Wire	Ø3 Teflon - 24 AWG (0.22 mm ²) - 2 cores
Operating Frequency	200 Hz
Magnet Requirement ※2, 3	40 Gauss
Temperature Range	-10 ~ 140 °C
Shock ※4	30 G
Vibration ※5	9 G
Enclosure	IEC 60529 IP67
Protection Circuit ※6	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

Bracket

