

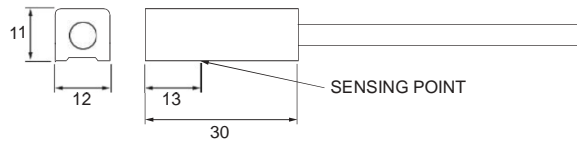
# G-31 SERIES



High Temp. Resistant  
Max 140 °C

## Dimensions

M8 Connector  
option is not available



Unit: mm

## Specifications

MODEL	G-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 <sup>2</sup> ) - 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



## Gentle Automatic Solution Sdn Bhd

No.36, Jalan Industri USJ 1/13, Taman Perindustrian USJ 1, 47600 Subang Jaya, Selangor.  
TEL: 603-8023 7743 / 8743 FAX: 603-8023 9743

sales@gentle.com.my

<http://www.gentle.com.my>

<https://wa.me/60122738827>

<https://waze.to/lr/hw28325k63>