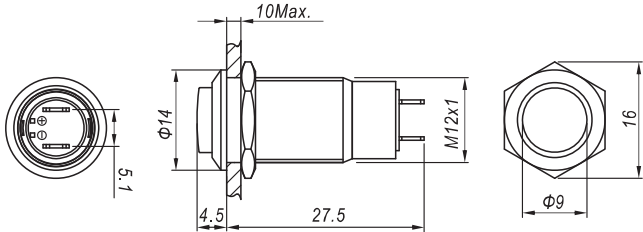


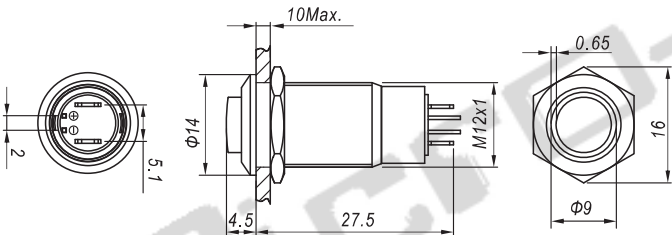
DIMENSIONS (mm)

MR-GQ12-CH-10Z - LATCHING, NON-ILLUMINATED



Contact Structure 1NO
Operation type Latching
Housing Material Stainless steel
Wiring type Wiring patch(2.8x0.5mm)
Protection class IP40(IP65 can be customized)

MR-GQ12-CH-10ZE - RING ILLUMINATED



Contact Structure 1NO
Operation type Momentary
LED color R / G / Y / B / W
Voltage 6V/12V/24V
Housing Material Stainless steel
Wiring type Wiring patch(2.8x0.5mm)
Protection class IP40(IP65 can be customized)

SWITCH STRUCTURE

Type	Diagram	Symbol
X		

NOTE: ALL DIMENSIONS IN mm. PANEL MOUNTING THREAD M12 x 1.

PERFORMANCE CHARACTERISTICS

Operating Temp	-25℃~+55℃ (Non freezing) Keep the switch air circulating well
Operating Humidity	45~85% RH(Non condensing)
Contact Resistance	≤ 50mΩ
Insulation Resistance	≥ 100MΩ (500VDC)
Max. withstanding voltage	1500VAC, 50Hz, 1min
Vibration resistance	50Hz, The amplitude is about 1.2mm
Solder heat resistance	320℃ 3s
Switch rating	1A/36VDC
Mechanical Life	200,000 cycles
Electrical Life	50,000 cycles
Base material	PA66
Nut torque	About 0.6Nm
Torque	About 3.5N
Operation Travel	About 2.5mm
Protection class	IP40(IP65 can be customized)

LED SPECIFICATIONS (MR-GQ12-CH-10ZE)

LED life	Current	Allowable voltage fluctuation range	Circuit diagram
≥ 40000 hours	≤ 24V about 15mA	DC: ± 10%	 The product has built-in protective resistance, and the lamp bead wiring has no distinction between positive and negative poles.

PART NUMBER	DESCRIPTION
MR-GQ12-CH-10Z	Latching, 1NO, no light, wiring patch 2.8 x 0.5 mm
MR-GQ12-CH-10ZE	Ring illuminated, 1NO, LED 6/12/24 V, R/G/Y/B/W

12 mm METAL PUSH BUTTON HIGH ROUND HEAD, 1NO, STAINLESS STEEL		Micro-Ray	
PART NO	MR-GQ12-CH-10Z / 10ZE		
DWG NO	MR-GQ12-C	SHEET 1 OF 1	REV A
UNITS: mm	SCALE: NTS - DO NOT SCALE	SIZE A4	DATE 2026-09-22