

**GQ22-L, GQ25-L, GQ28-L, GQ30-L
SCREW TYPE
METAL PUSHBUTTON**



Part-number Description

GQ22	-	L	-	□	■	◇	/	△	/	▲	/	○	
GQ25	Code Name		Contact Structure		Operation mode		Lamp type		Lamp color		Lamp voltage		
GQ28			11 1NO1NC		Z latching		D Dot E Ring		R red G green Y yellow O orange B blue W white		AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 110V AC/DC 220V		
GQ30					No letter means momentary						Other voltage can be made to order		
Code of Series												Crust material S stainless steel	

Note: Please read the catalog carefully, and choose the right part-number according to the sign.

GQ22-L, GQ25-L, GQ28-L, GQ30-L Switch Rating

Rated Insulation Voltage Ui			250V			
Thermal Current I _{th}			5A			
Rated voltage			12V	24V	110V	220V
Rated Operation Current	AC 50/60Hz	Resistive load	—	—	5A	3A
		Inductive load	—	—	3A	2A
	DC	Resistive load	5A	5A	1A	0.5A
		Inductive load	2A	2A	0.2A	0.1A
Contact material			Silver Alloy			

Minimum load: 3V AC/DC, 5mA (Reference)
Application scope depends on operating environment and load type

Lamp Ratings

Lamp Type	LED lamp(AC/DC)
LED Color	R G Y O B W
Life	40000 hours (Reference)
Rated Voltage	AC/DC6V, AC/DC12V, AC/DC110V, AC/DC24V, AC/DC36V, AC/DC220V
Rated Current	5-48V about 15mA; 110-250V about 2mA
Dropping Way	Inner resistor
Lamp Circuit Diagram	Using AC/DC LED lamp, the terminals have no difference of anode and cathode: Using inner resistor, do not need connect outer resistor.



Note: DC LED and other voltage can be made to order.

Performance Characteristic

Operating Temp	-25°C~+55°C (Non freezing) Keep the switch air circulating well
Operating Humidity	45-85%RHRH(Non condensing)
Contact Resistance	≤50mΩ
Insulation Resistance	≥1000MΩ
Max. withstanding voltage	2000V, AC50Hz, 5s
Vibration resistance	50Hz, amplitude about 1.2mm
Shock resistance	> 10g
Solder heat resistance	320°C (or 30W soldering iron) no more than 2s

Switching Operation

Type	Diagram	Sign
Za		

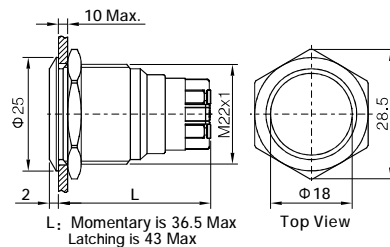
GQ22-L, GQ25-L Anti-vandal Water-proof Metal Push Button



GQ22-L-11■/S



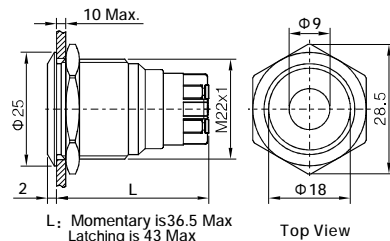
stainless steel



GQ22-L-11■D/△/▲/S For signal lamp, part number is: GQ22-L-D/△/▲/S



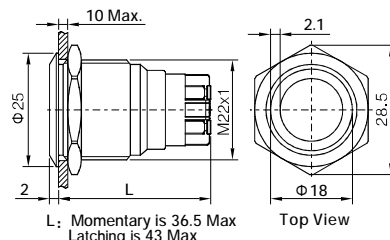
stainless steel



GQ22-L-11■E/△/▲/S For signal lamp, part number is: GQ22-L-E/△/▲/S



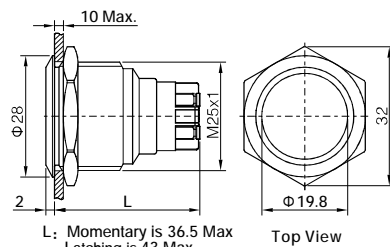
stainless steel



GQ25-L-11■/S



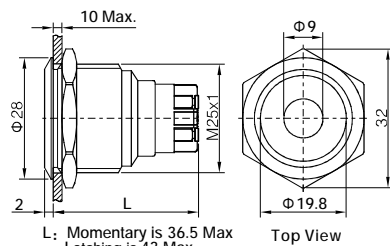
stainless steel



GQ25-L-11■D/△/▲/S For signal lamp, part number is: GQ25-L-D/△/▲/S



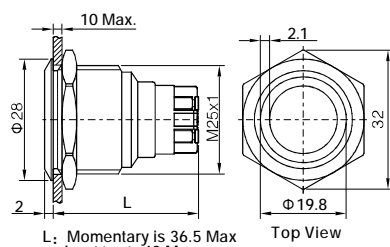
stainless steel



GQ25-L-11■E/△/▲/S For signal lamp, part number is: GQ25-L-E/△/▲/S



stainless steel



- ⊙ Diameter: Φ22mm, Φ25mm
- ⊙ Switch Rating: Ith:5A, Ui:250V
- ⊙ Contact Configuration: 1NO1NC
- ⊙ Operation Type(■): Momentary / Latching(Z)
- ⊙ LED Color(△): R G Y O B W
- ⊙ LED Voltage(▲): 6V/12V/24V/110V/220V
- ⊙ IP Degree: IP65(Momentary type can customize IP67),IK09

- ⊙ Terminal Type:Screw
- ⊙ Switching: Za(double-break fast-motion changeover contact)
- ⊙ Panel Thickness: 1 ~ 10mm
- ⊙ Mechanical Life: > 1,000,000 cycles
- ⊙ Electrical Life: > 50, 000 cycles
- ⊙ Torque: about 0.8Nm

- ⊙ Actuator Material: Stainless steel
- ⊙ Crust Material: Stainless steel
- ⊙ Base Material: PA/PC
- ⊙ Operation Pressure: About 4N(IP65)
- ⊙ Operation Travel: About 2.5mm
- ⊙ RoHS Made to order

