GQ Series Indicators

Mounting Hole Diameter: 6/8/10/12/14/16/19/22/25mm

Body Material: Nickel Plated Brass / Stainless Steel / Black Plated Brass

Terminal: Screw Terminals / Wire Leads 150mm / Solder Lug

Lens Shape: Domed / Flat Round

IP Degree: IP67

Lens shape and mounting hole size can be customized

Part Number Description

GQ★■-□ /◆/△/▲/◎

Symbol	Indication	Descriptions
★	Mounting Hole Diameter	6: Φ6mm / 8: Φ8mm / 10: Φ10mm /12: Φ12mm / 14: Φ14mm / 16: Φ16mm / 19: Φ19mm / 22: Φ22mm / 25: Φ25mm
■	Lens Shape	G: Domed / T: Flat Round Type1 / F: Flat Round Type2
□	Illumination Type	D: Steady light / SD: Flashing Light (Customized)
◆	Terminal	L: Screw Terminals / Y: Wire Leads 150mm / No letter means solder lug
△	Lamp Color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
▲	Lamp Voltage	6V,12V,24V,110V (With external resistor), 220V (With external resistor Rated Voltage for flashing light: 6~24V)
◎	Body Material	N: Nickel Plated Brass / S: Stainless Steel / A: Black Plated Brass

Performance characteristics

Operating Temperature	-25℃~+55℃(no freezing),
	Keep air flowing around the indicator
Operating Humidity	45~85%RH (no condensation)
Insulation Resistance	≥100MΩ(500VDC)
Dielectric Strength	1500V RMS 50Hz 1 minute
Vibration Resistance	50Hz, 1.2mm amplitude
Soldering Temperature	320℃ 3 seconds
Standard	GB/T 14048.5-2017

Flashing Light Rating

Rated Voltage	Rated Current	Frequency
6~24V	20mA	160 flashes per minute(Other frequency can be customized)

Lamp Ratings

LED Life	Rated Current	Voltage Fluctuation	Diagram
≥40000 hours	≤24V approx.15mA ≥110V approx. 2mA	DC: ±10% AC: ±20%	a —○— R —⊲⊳— ○— b With built-in resistor; AC/DC Lamp; No difference of anode or cathode. External resistor is need for voltage ≥110V (Φ6-14mm indicators)

ONPOW®
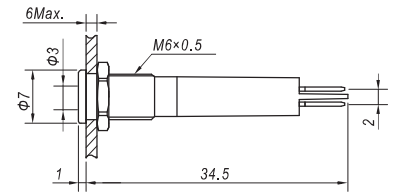
Nickel Plated Brass
GQ6T-D/△/▲ /N

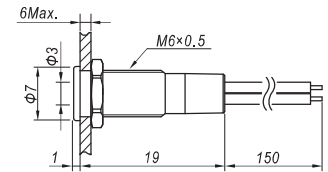*Stainless Steel*
GQ6T-D/△/▲ /S

Black Plated Brass
GQ6T-D/△/▲ /A

6Max.
Φ3
Φ7
M6×0.5
1
34.5
2

Nickel Plated Brass
GQ6T-D/Y/△/▲/N

Stainless Steel
GQ6T-D/Y/△/▲/S

Black Plated Brass
GQ6T-D/Y/△/▲/A

6Max.
Φ3
Φ7
M6×0.5
1
19
150

Nickel Plated Brass
GQ6G-D/△/▲/N

Stainless Steel
GQ6G-D/△/▲ /S

Black Plated Brass
GQ6G-D/△/▲ /A

6Max.
Φ3
Φ7
M6×0.5
3.5
33.5
2
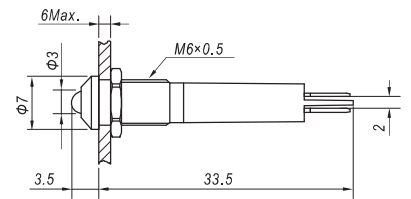
Nickel Plated Brass
GQ6G-D/Y/△/▲/N

Stainless Steel
GQ6G-D/Y/△/▲/S

Black Plated Brass
GQ6G-D/Y/△/▲/A

6Max.
Φ3
Φ7
M6×0.5
3.5
18
150

◎ *Lamp Color(△):* R G Y B W
◎ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

◎ *Mounting Hole Diameter: Φ6mm*
◎ *Lamp type: LED*
◎ *Rated Current: 2mA~20mA*
◎ *Mounting Nut Torque: About 0.1Nm*
◎ *Panel Thickness: 6mm Max.*
◎ *Terminal: Solder Lug (2.8x0.5mm) / Wire Leads 150mm*
◎ *Soldering Temperature: 320℃ 3s*

◎ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*
◎ *Lens Material: Epoxy(UV resistant can be customized)*
◎ *Base: PA*
◎ *IP Rating: IP67; IK06(Flat round type only)*
◎ *RoHS can be Customized*

GQ6 Indicator Specifications

Nickel Plated Brass
GQ8T-D/△/▲ /N

Stainless Steel
GQ8T-D/△/▲ /S

Black Plated Brass
GQ8T-D/△/▲ /A

Nickel Plated Brass
GQ8T-D/Y/△/▲/ N

Stainless Steel
GQ8T-D/Y/△/▲ /S

Black Plated Brass
GQ8T-D/Y/△/▲ /A

Nickel Plated Brass
GQ8G−D/△/▲/ N
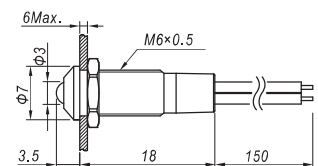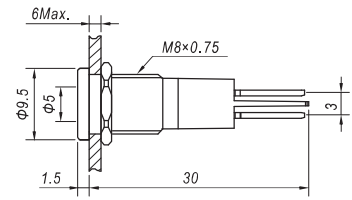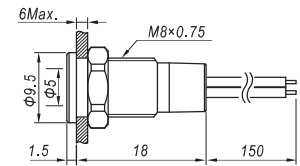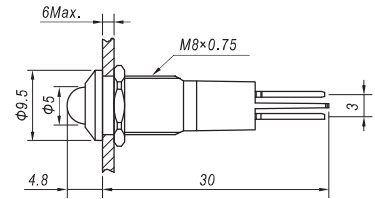
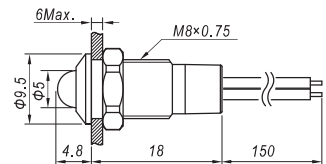*Stainless Steel*
GQ8G-D/△/▲ /S

Black Plated Brass
GQ8G-D/△/▲ /A

Nickel Plated Brass
GQ8G-D/△/▲/N

Stainless Steel
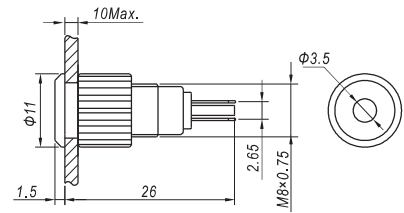GQ8G-D/Y/△/▲ /S

Black Plated Brass
GQ8G-D/Y/△/▲ /A

◎ *Lamp Color(△):* R G Y B W
◎ *Lamp Voltage(▲):* 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)
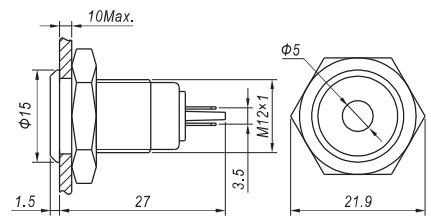
GQ8 Indicator Specifications

◎ *Mounting Hole Diameter: Φ8mm*
◎ *Lamp type: LED*
◎ *Rated Current: 2mA~20mA*
◎ *Mounting Nut Torque: About 0.1Nm*
◎ *Panel Thickness: 6mm Max.*
◎ *Terminal: Solder Lug (2.8x0.5mm) / Wire Leads 150mm*
◎ *Soldering Temperature: 320℃ 3s*

◎ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*
◎ *Lens Material: Epoxy(UV resistant can be customized)*
◎ *Base: PA*
◎ *IP Rating: IP67; IK06(Flat round type only)*
◎ *RoHS can be Customized*

Nickel Plated Brass
GQ8F-D/△/▲/N

10Max.
Φ11
Φ3.5
2.65
1.5
26
M8×0.75

Nickel Plated Brass
GQ12F-D/△/▲/N

10Max.
Φ15
Φ5
M12×1
3.5
1.5
27
21.9

⊙ *Lamp Color(△):* R G Y B W
⊙ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

⊙ *Mounting Hole Diameter: Φ8, Φ12mm*
⊙ *Lamp type: LED*
⊙ *Rated Current: 2mA~20mA*
⊙ *Mounting Nut Torque: About 0.1Nm*
⊙ *Panel Thickness: 10mm Max.*
⊙ *Terminal: Solder Lug (2.8x0.5mm)*
⊙ *Soldering Temperature: 320℃ 3s*

⊙ *Body Material: Nickel Plated Brass*
⊙ *Base: PBT*
⊙ *IP Rating: IP67; IK06(Flat round type only)*
⊙ *RoHS can be Customized*
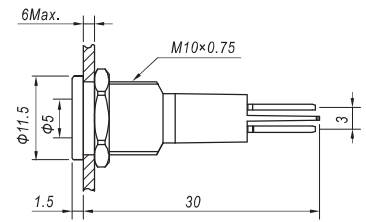
**GQ8, GQ12 Indicator
Specifications**

Nickel Plated Brass
GQ10T-D/△/▲ /N

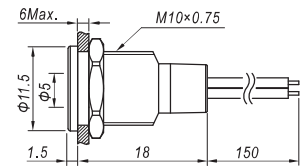*Stainless Steel*
GQ10T-D/△/▲ /S

Black Plated Brass
GQ10T-D/△/▲ /A

Nickel Plated Brass
GQ10T-D/Y/△/▲ /N

Stainless Steel
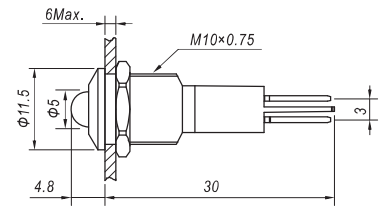GQ10T-D/Y/△/▲ /S

Black Plated Brass
GQ10T-D/Y/△/▲ /A

Nickel Plated Brass
GQ10G-D/△/▲/N

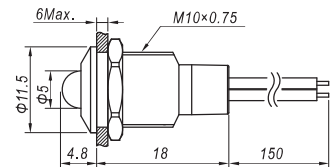*Stainless Steel*
GQ10G-D/△/▲ /S

Black Plated Brass
GQ10G-D/△/▲ /A

Nickel Plated Brass
GQ10G-D/Y/△/▲/N

Stainless Steel
GQ10G-D/△/▲ /S

Black Plated Brass
GQ10G-D/Y/△/▲ /A

◎ *Lamp Color(△):* R G Y B W

◎ *Lamp Voltage(▲):* 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)

◎ *Mounting Hole Diameter: Φ10mm*

◎ *Lamp type: LED*

◎ *Rated Current: 2mA~20mA*

◎ *Mounting Nut Torque: About 0.1Nm*

◎ *Panel Thickness: 6mm Max.*

◎ *Terminal: Solder Lug (2.8x0.5mm) / Wire Leads 150mm*

◎ *Soldering Temperature: 320℃ 3s*

◎ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*

◎ *Lens Material: Epoxy(UV resistant can be customized)*

◎ *Base: PA*

◎ *IP Rating: IP67; IK06(Flat round type only)*
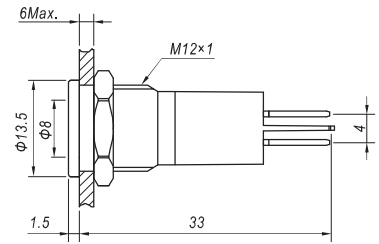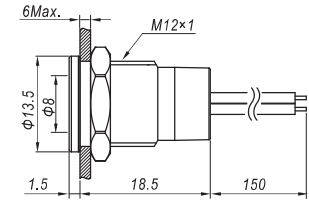
◎ *RoHS can be Customized*

GQ10 Indicator Specifications

Nickel Plated Brass
GQ12T-D/△/▲ /N

Stainless Steel
GQ12T-D/△/▲ /S

Black Plated Brass
GQ12T-D/△/▲ /A

6Max.
M12×1
Φ13.5
Φ8
1.5
33
4

Nickel Plated Brass
GQ12T-D/Y/△/▲ /N

Stainless Steel
GQ12T-D/Y/△/▲ /S

Black Plated Brass
GQ12T-D/Y/△/▲ /A

6Max.
M12×1
Φ13.5
Φ8
1.5
18.5
150

Nickel Plated Brass
GQ12G-D/△/▲/N

Stainless Steel
GQ12G-D/△/▲/S

Black Plated Brass
GQ12G-D/△/▲/A

6Max.
M12×1
Φ13.5
Φ8
4.5
33
4

Nickel Plated Brass
GQ12G-D/Y/△/▲/N

Stainless Steel
GQ12G-D/Y/△/▲/S

Black Plated Brass
GQ12G-D/Y/△/▲/A

6Max.
M12×1
Φ13.5
Φ8
4.5
18
150

⊙ Lamp Color(△): R G Y B W

⊙ Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)

⊙ Mounting Hole Diameter: Φ12mm

⊙ Lamp type: LED

⊙ Rated Current: 2mA~20mA

⊙ Mounting Nut Torque: About 0.1Nm

⊙ Panel Thickness: 6mm Max.

⊙ Terminal: Solder Lug (2.8x0.5mm) / Wire Leads 150mm

⊙ Soldering Temperature: 320℃ 3s

⊙ Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel

⊙ Lens Material: Epoxy(UV resistant can be customized)

⊙ Base: PA

⊙ IP Rating: IP67; IK06(Flat round type only)

⊙ RoHS can be Customized

**GQ12 Indicator
Specifications**

Nickel Plated Brass
GQ14T-D/△/▲ /N

Stainless Steel
GQ14T-D/△/▲ /S

Black Plated Brass
GQ14T-D/△/▲ /A

Nickel Plated Brass
GQ14T-D/Y/△/▲/N

Stainless Steel
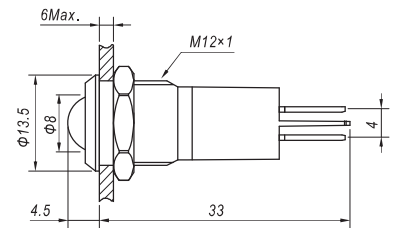GQ14T-D/Y/△/▲/S

Black Plated Brass
GQ14T-D/Y/△/▲/A

Nickel Plated Brass
GQ14G-D/△/▲/N

Stainless Steel
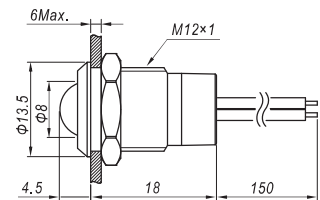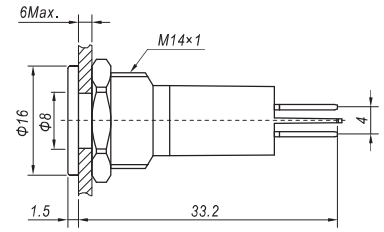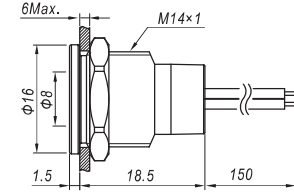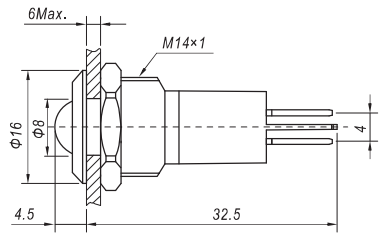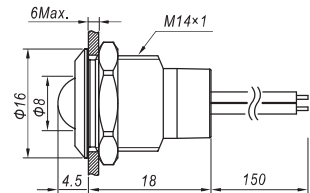GQ14G-D/△/▲ /S

Black Plated Brass
GQ14G-D/△/▲ /A

Nickel Plated Brass
GQ14G-D/Y/△/▲/N

Stainless Steel
GQ14G-D/Y/△/▲ /S

Black Plated Brass
GQ14G-D/Y/△/▲ /A

⊙ *Lamp Color(△):* R G Y B W

⊙ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

⊙ *Mounting Hole Diameter: Φ14mm*
⊙ *Lamp type: LED*
⊙ *Rated Current: 2mA~20mA*
⊙ *Mounting Nut Torque: About 0.1Nm*
⊙ *Panel Thickness: 6mm Max.*
⊙ *Terminal: Solder Lug (2.8x0.5mm) / Wire Leads 150mm*
⊙ *Soldering Temperature: 320℃ 3s*

⊙ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*
⊙ *Lens Material: Epoxy(UV resistant can be customized)*
⊙ *Base: PA*
⊙ *IP Rating: IP67; IK06(Flat round type only)*
⊙ *RoHS can be Customized*

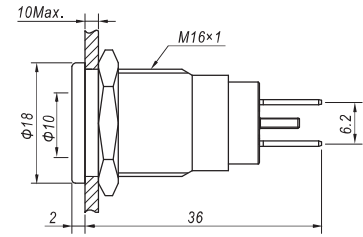**GQ14 Indicator Specifications**

Nickel Plated Brass
GQ16T-D/△/▲ /N

Stainless Steel
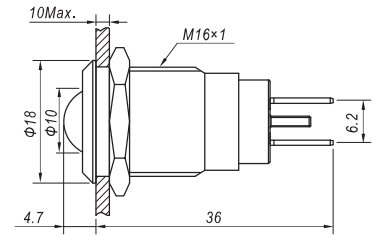GQ16T-D/△/▲ /S

Black Plated Brass
GQ16T-D/△/▲ /A

Nickel Plated Brass
GQ16G-D/△/▲/N

Stainless Steel
GQ16G-D/△/▲ /S

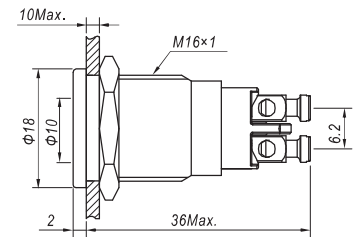Black Plated Brass
GQ16G-D/△/▲ /A

Nickel Plated Brass
GQ16T-D/L/△/▲ /N

Stainless Steel
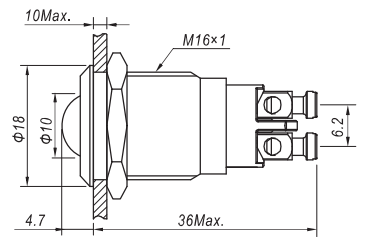GQ16T-D/L/△/▲/S

Black Plated Brass
GQ16T-D/L/△/▲ /A

Nickel Plated Brass
GQ16G-D/L/△/▲ /N

Stainless Steel
GQ16G-D/L/△/▲ /S

Black Plated Brass
GQ16G-D/L/△/▲/A

○ Lamp Color(△): R G Y B W

○ Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)

GQ16 Indicator Specifications

○ Mounting Hole Diameter: Φ16mm
○ Lamp type: LED
○ Rated Current: 2mA~20mA
○ Mounting Nut Torque: About 0.1Nm
○ Panel Thickness: 6mm Max.
○ Terminal: Solder Lug (2.8x0.5mm) / Screw Terminals
○ Soldering Temperature: 320℃ 3s

○ Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel
○ Lens Material: Epoxy(UV resistant can be customized)
○ Base: PA
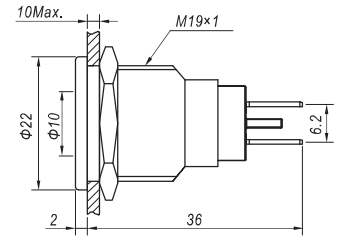○ IP Rating: IP67; IK06(Flat round type only)
○ RoHS can be Customized

Nickel Plated Brass
GQ19T-D/△/▲ /N

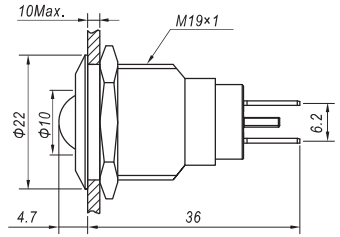Stainless Steel
GQ19T-D/△/▲ /S

Black Plated Brass
GQ19T-D/△/▲ /A

10Max. M19×1
Φ22 Φ10 6.2
2 36

Nickel Plated Brass
GQ19G-D/△/▲ /N

Stainless Steel
GQ19G-D/△/▲ /S

Black Plated Brass
GQ19G-D/△/▲ /A

10Max. M19×1
Φ22 Φ10 6.2
4.7 36

Nickel Plated Brass
GQ19T-D/L/△/▲ /N

Stainless Steel
GQ19T-D/L/△/▲ /S

Black Plated Brass
GQ19T-D/L/△/▲ /A

10Max. M19×1
Φ22 Φ10 6.2
2 36Max.
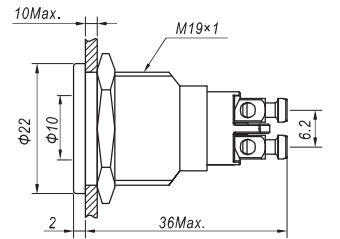
Nickel Plated Brass
GQ19G-D/L/△/▲ /N

Stainless Steel
GQ19G-D/L/△/▲ /S

Black Plated Brass
GQ19G-D/L/△/▲ /A
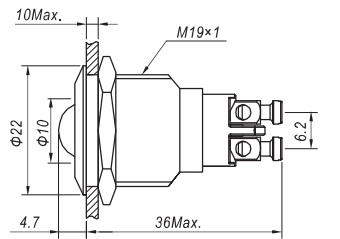
10Max. M19×1
Φ22 Φ10 6.2
4.7 36Max.

⊙ *Lamp Color(△):* R G Y B W

⊙ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

⊙ *Mounting Hole Diameter: Φ19mm*

⊙ *Lamp type: LED*

⊙ *Rated Current: 2mA~20mA*

⊙ *Mounting Nut Torque: About 0.1Nm*

⊙ *Panel Thickness: 6mm Max.*

⊙ *Terminal: Solder Lug (2.8x0.5mm) / Screw Terminals*

⊙ *Soldering Temperature: 320℃ 3s*

⊙ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*

⊙ *Lens Material: Epoxy(UV resistant can be customized)*

⊙ *Base: PA*

⊙ *IP Rating: IP67; IK06(Flat round type only)*
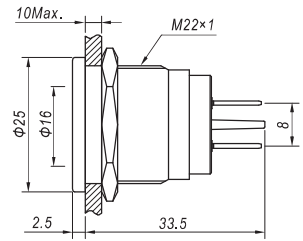
⊙ *RoHS can be Customized*

GQ19 Indicator Specifications

Nickel Plated Brass
GQ22T-D/△/▲ /N

Stainless Steel
GQ22T-D/△/▲ /S

Black Plated Brass
GQ22T-D/△/▲ /A

10Max. · M22×1 · Φ25 · Φ16 · 8 · 2.5 · 33.5

Nickel Plated Brass
GQ22G-D/△/▲ /N

Stainless Steel
GQ22G-D/△/▲ /S

Black Plated Brass
GQ22G-D/△/▲ /A

10Max. · M22×1 · Φ25 · Φ16 · 8 · 6.5 · 33.5
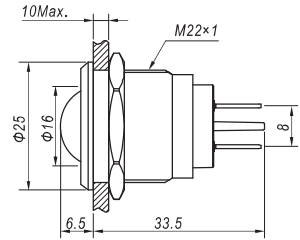
Nickel Plated Brass
GQ22T-D/L/△/▲ /N

Stainless Steel
GQ22T-D/L/△/▲ /S

Black Plated Brass
GQ22T-D/L/△/▲ /A

10Max. · M22×1 · Φ25 · Φ16 · 8 · 2.5 · 34Max.
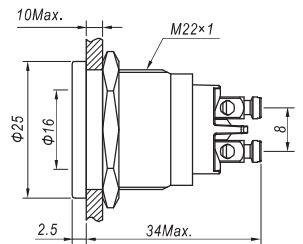
Nickel Plated Brass
GQ22G-D/L/△/▲ /N

Stainless Steel
GQ22G-D/L/△/▲ /S

Black Plated Brass
GQ22G-D/L/△/▲ /A
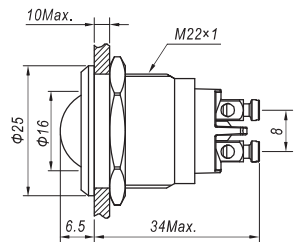
10Max. · M22×1 · Φ25 · Φ16 · 8 · 6.5 · 34Max.

⊙ *Lamp Color(△):* R G Y B W

⊙ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

⊙ *Mounting Hole Diameter: Φ22mm*
⊙ *Lamp type: LED*
⊙ *Rated Current: 2mA~20mA*
⊙ *Mounting Nut Torque: About 0.1Nm*
⊙ *Panel Thickness: 6mm Max.*
⊙ *Terminal: Solder Lug (2.8x0.5mm) / Screw Terminals*
⊙ *Soldering Temperature: 320℃ 3s*

⊙ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*
⊙ *Lens Material: Epoxy(UV resistant can be customized)*
⊙ *Base: PA*
⊙ *IP Rating: IP67; IK06(Flat round type only)*
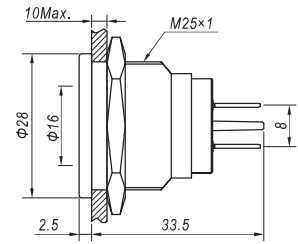⊙ *RoHS can be Customized*

GQ22 Indicator Specifications

Nickel Plated Brass
GQ25T-D/△/▲ /N

Stainless Steel
GQ25T-D/△/▲ /S

Black Plated Brass
GQ25T-D/△/▲ /A

10Max. M25×1
Φ28 Φ16 8
2.5 33.5

Nickel Plated Brass
GQ25G-D/△/▲ /N

Stainless Steel
GQ25G-D/△/▲ /S

Black Plated Brass
GQ25G-D/△/▲ /A

10Max. M25×1
Φ28 Φ16 8
6.5 33.5
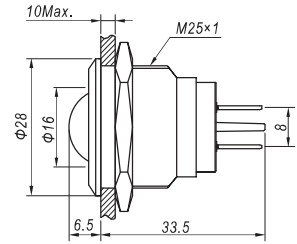
Nickel Plated Brass
GQ25T-D/L/△/▲ /N

Stainless Steel
GQ25T-D/L/△/▲ /S

Black Plated Brass
GQ25T-D/L/△/▲ /A

10Max. M25×1
Φ28 Φ16 8
2.5 34Max.
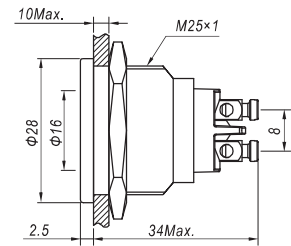
Nickel Plated Brass
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Stainless Steel
GQ25G-D/L/△/▲ /S

Black Plated Brass
GQ25G-D/L/△/▲ /A
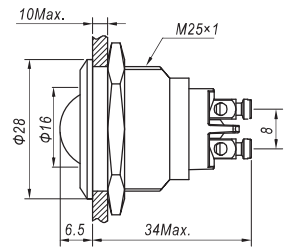
10Max. M25×1
Φ28 Φ16 8
6.5 34Max.

⊙ *Lamp Color(△):* R G Y B W

⊙ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

⊙ *Mounting Hole Diameter: Φ25mm*

⊙ *Lamp type: LED*

⊙ *Rated Current: 2mA~20mA*

⊙ *Mounting Nut Torque: About 0.1Nm*

⊙ *Panel Thickness: 6mm Max.*

⊙ *Terminal: Solder Lug (2.8x0.5mm) / Screw Terminals*

⊙ *Soldering Temperature: 320℃ 3s*

⊙ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*

⊙ *Lens Material: Epoxy(UV resistant can be customized)*

⊙ *Base: PA*

⊙ *IP Rating: IP67; IK06(Flat round type only)*

⊙ *RoHS can be Customized*

GQ25 Indicator Specifications

AD16 Series
Pilot Indicators

The AD16 Series pilot indicators use LED as light sources.
The advantages are long life, low energy consumption,
small volume and light weight. It is an alternative to the
XD-type incandescence lamp and neon lamp.
The lens is made of high-strength polycarbonate.
It has good impact resistance and built-in screw-type wiring,
which is safer and convenient. This series of pilot indicators
are suitable for signal indicators, forecast signals and other
indications signals in the lines of electrical power,
telecommunications, machine tools, ships, textiles, printing,
mining machinery and other equipments.

Notice
1. The usage frequency of the AC-type pilot indicators is 50-60Hz. Using in other frequency segments will damage the item.
2. The starting voltage of the anti-interference indicator is 35~45V. If you need a higher starting voltage, please advise. Please check the wiring if the interference voltage is too high.
3. Wiring errors are not allowed on AC type Dual-color indicator, otherwise the item will be damaged.
4. Avoid using welding to connect if possible, please use plug(2.5×0.8mm) to connect and the protective cover shoud be used; If welding is needed, the soldering iron should below 30W
   and welding should be done within 3 seconds. External force should not be performed to the terminal.

Diagram

	AC/DC Single Color Indicator	AC Single Color Indicator	AC-DC Dual-color Indicator	AC Dual-color Indicator
Normal Type	LED — R — X1 / X2	LED — C / R — X1 / X2	LED — R — X1 / R — X0 / R — X2 Red: X1-X0 Green: X2-X0 (Yellow: X1-X2)	LED — R — X1 / R / X0 / C / R — X2 Red: X1-X0 Green: X2-X0
Anti-interference Type	LED — R — X1 / Threshold Circuit — X2	LED — C / R — X1 / Threshold Circuit — X2	LED — Threshold Circuit — R — X1 / R — X0 / Threshold Circuit — R — X2 Red: X1-X0 Green: X2-X0 (Yellow: X1-X2)	LED — Threshold Circuit — R — X1 / R — X0 / C / R — X2 Red: X1-X0 Green: X2-X0

Note: 1. Built-in resistor for AC/DC indicator; Capacitor is used in AC indicator.
　　　 2. When voltage is 110V or above, the temperature of AC/DC indicator shell is higher than AC types.

Part Number Description

AD16★■-□ /△/▲/●/※

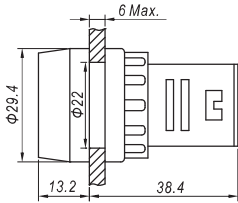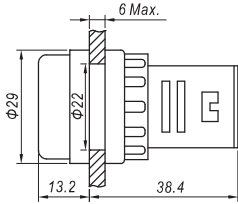| Symbol	Indication	Desciptions
★	Mounting Hole Diameter	16: Φ16mm / 22: Φ22mm / 22(Applicable to 25mm Mounting Hole)
■	Auxiliary Code	(C,E... are used to indicate different models with same neck size.) M: Continuous Sound / S: Flashing Light / SM: Flashing Light and Intermittent Sound / SS: Dual-color Flashing Light / SSM: Dual-color Flashing Light Intermittent Sound
□	Structure	S: Short Type / No letter means standard type
△	Color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
▲	Operating Voltage	According to specific models
●	Voltage Dropping Type	K: Anti-interference Type / F: Capacitor Discharge / No letter means standard type
※	IP Rating	P: IP65 / No letter means IP40
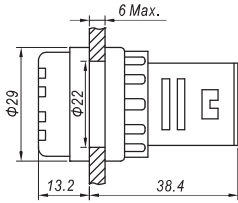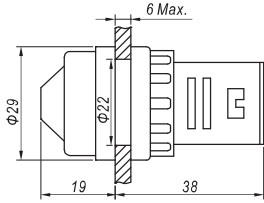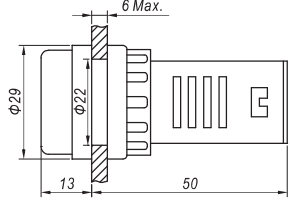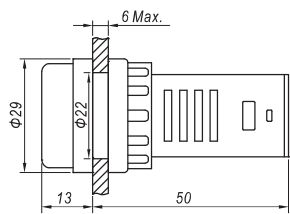
Performance characteristics

Operating Environment	-25℃~55℃, Altitude＜2000m	Rated Current	≤20mA
LED Life	≥40000 hours	Brightness	≥100cd/m²
Voltage Fluctuation	±20%(110V or above)	Comparative Tracking Index(CTI)	≥100
Rated Impulse Withstand Voltage	2.5KV (AC valid value), 1min	Insulation Resistance	Ui≤60V, 5MΩ; 60V < Ui≤660V, 50MΩ
Frequency(AC)	50~60Hz	Illuminaton Color	Red / Green / Yellow / Blue / White
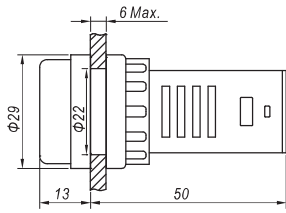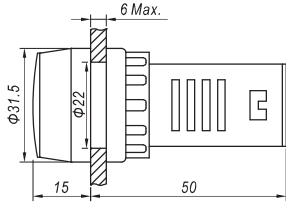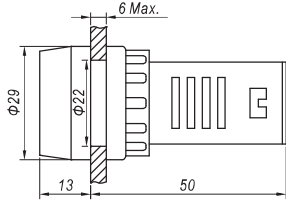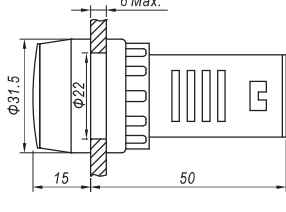
Models

Shape	Part Number	Color	Operating Voltage	Dimensions	Notes
Φ16C	AD16-16C/△/▲	R G Y B W	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 110V AC/DC 220V AC/DC 380V AC 110V AC 220V AC 380V	5 Max. Φ19 Φ16 11.2 45.5	◉ Screw Terminal
Φ16E	AD16-16E/△/▲	R G Y B W		5 Max. Φ19 Φ16 9.3 39.2	◉ Screw Terminal ◉ Anti -electric Shock Structure
Φ16 Buzzer	AD16-16M/▲ AD16-16S/▲ AD16-16SM/▲	Continuous Sound Flashing Light Flashing Light Intermittent Sound	DC 6V DC 12V DC 24V AC 220V AC 380V *Note: There is no DC6V option for flashing light or flashing light buzzer*	5 Max. Φ19 Φ16 11.2 45.5	Buzzer Volume: ≥80dB(10cm) Continuous Sound Intermittent Sound Ie≤35mA

Models(Φ22)(Applicable to 25mm Mounting Hole)

Shape	Part Number	Color	Operating Voltage	Dimensions	Notes
Φ22BS(Short Type)	AD16-22BS/△/▲	R G Y B W		6 Max. Φ29.4 Φ22 13.2 38.4	Screw Terminal Anti-electric Shock Structure
Φ22DS(Short Type)	AD16-22DS/△/▲/◎	R G Y B W		6 Max. Φ29 Φ22 13.2 38.4	Screw Terminal Anti-electric Shock Structure IP40 / IP65(Optional)
Φ22ES(Short Type)	AD16-22ES/△/▲	R G Y B W	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 110V AC/DC 220V AC/DC 380V AC 110V AC 220V AC 380V	6 Max. Φ29 Φ22 13.2 38.4	Screw Terminal Anti-electric Shock Structure
Φ22HS(Short Type)	AD16-22HS/△/▲	R G Y B W		6 Max. Φ29 Φ22 19 38	380/220 capacitor discharge Screw Terminal Anti-electric Shock Structure
Φ22D	AD16-22D/△/▲/●/※	R G Y B W		6 Max. Φ29 Φ22 13 50	Screw Terminal Anti-electric Shock Structure Anti-interference Type can be customized IP40 / IP65(Optional)
Φ22 Dual-color	AD16-22D/△ △/▲/●/※	Red Green Dual-color		6 Max. Φ29 Φ22 13 50	Screw Terminal Anti-electric Shock Structure Anti-interference Type can be customized Other illumination color can be customized IP40 / IP65(Optional)

Models(Φ22)(Applicable to 25mm Mounting Hole)
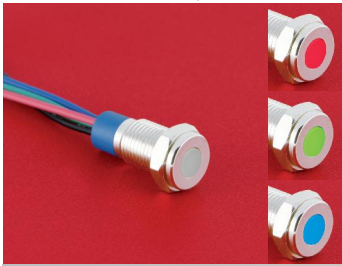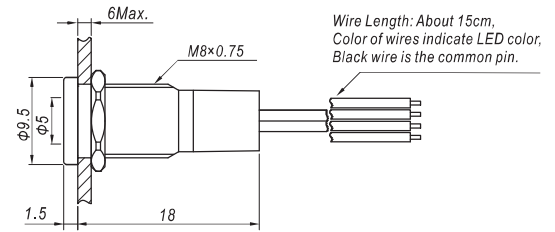
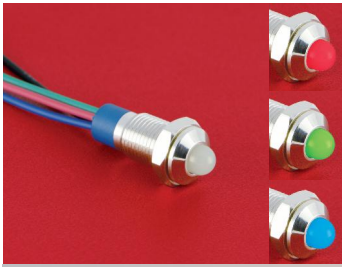| Shape	Part Number	Color	Operating Voltage	Dimensions	Notes
Φ22 Flashing Light	AD16-22S/△/▲	Single-color Flashing Light		6 Max. Φ29 Φ22 13 50	Screw Terminal
	AD16-22SS/△ △/▲	Dual-color Flashing Light			Anti-electric Shock Structure
Φ22 Metal Frame Flashing Light	AD16-22GQ-D/△/▲	Single-color Steady Light		6 Max. Φ31.5 Φ22 15 50	Anti-interference Type can be customized
	AD16-22GQ-S/△/▲	Single-color Flashing Light	AC/DC 12V AC/DC 24V AC 110V AC 220V AC 380V		Other illumination color can be customized
	AD16-22GQ-SS/△ △/▲	Dual-color Flashing Light			IP40/IP65(Optional)
Φ22 Buzzer	AD16-22M/▲	Continuous Sound		6 Max. Φ29 Φ22 13 50	
	AD16-22S/△/▲	Single-color Flashing Light			
	AD16-22SM/△/▲	Flashing Light ? Intermittent Sound			Buzzer Volume: ≥80dB(10cm)
Φ22 Metal Frame Buzzer	AD16-22GQ-M/▲	Continuous Sound		6 Max. Φ31.5 Φ22 15 50	Continuous Sound Intermittent Sound Ie≤35mA
	AD16-22GQ-SM/△/▲	Flashing Light ? Intermittent Sound			
	AD16-22GQ-SSM/△ △/▲	Dual-color Flashing Light Intermittent Sound			

GQ8T-D/Y/★RGB/▲/◎ *(Dual-color with 3 wires is available)*

LED Options★   41: Tri-color (Common Cathode) / 42: Tri-color (Common Anode)

LED Voltage▲   6V / 12V / 24V

Body Material◎   N: Nickel Plated Brass / S:Stainless Steel / A:Black Plated Brass

6Max. M8×0.75 Φ9.5 Φ5 1.5 18

Wire Length: About 15cm, Color of wires indicate LED color, Black wire is the common pin.

GQ8G-D/Y/★RGB/▲/◎ *(Dual-color with 3 wires is available)*

LED Options★   41: Tri-color (Common Cathode) / 42: Tri-color (Common Anode)

LED Voltage▲   6V / 12V / 24V

Body Material◎   N: Nickel Plated Brass / S:Stainless Steel / A:Black Plated Brass

6Max. M8×0.75 Φ9.5 Φ5 4.8 18

Wire Length: About 15cm, Color of wires indicate LED color, Black wire is the common pin.

GQ12T-D/Y/★RGB/▲/◎ *(Dual-color with 3 wires is available)*

LED Options★   41: Tri-color (Common Cathode) / 42: Tri-color (Common Anode)

LED Voltage▲   6V / 12V / 24V

Body Material◎   N: Nickel Plated Brass / S:Stainless Steel / A:Black Plated Brass

6Max. M12×1 Φ13.5 Φ8 1.5 18.5

Wire Length: About 15cm, Color of wires indicate LED color, Black wire is the common pin.

GQ12G-D/Y/★RGB/▲/◎ *(Dual-color with 3 wires is available)*
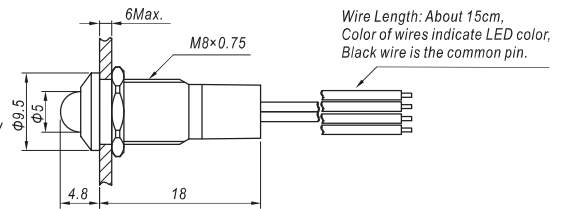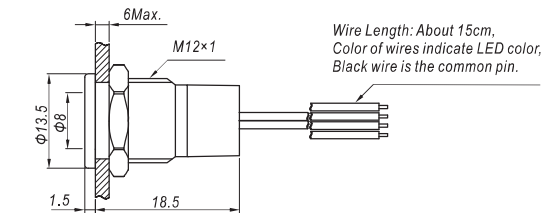
LED Options★   41: Tri-color (Common Cathode) / 42: Tri-color (Common Anode)

LED Voltage▲   6V / 12V / 24V

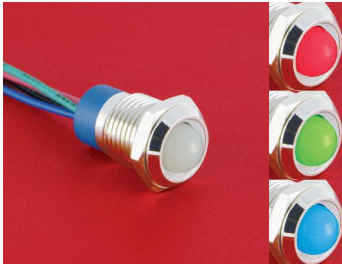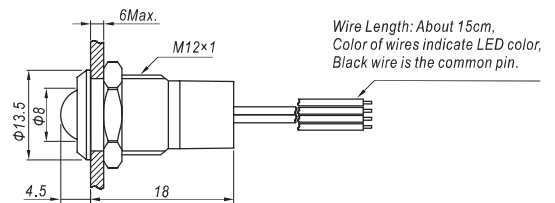Body Material◎   N: Nickel Plated Brass / S:Stainless Steel / A:Black Plated Brass

6Max. M12×1 Φ13.5 Φ8 4.5 18

Wire Length: About 15cm, Color of wires indicate LED color, Black wire is the common pin.

Specifications

Mounting Hole Diameter: Φ8mm, Φ12mm
Lamp type: LED
Rated Current: 2mA~20mA
Mounting Nut Torque: About 0.1Nm
Panel Thickness: 6mm Max.
Terminal: Wire Leads 150mm

Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel
Lens Material: Epoxy(UV resistant can be customized)
Base: PA
IP Rating: IP67; IK06(Flat round type only)
RoHS can be Customized

Tri-color Lamp Ratings

Lamp Type	DC Tri-color LED		
LED Color	R	G	B
LED Life	40000hours (Ref.)		
Rated Voltage	Without Resistor: R 1.8V G 2.8V B 2.8V		
	Built-in Resistor: DC6V, DC12V, DC24V		
Rated Current	5~15mA		
Lamp Circuit Diagram	Common Cathode Common Anode		

Using DC LED lamp, please distingnish anode and cathode；
Built-in current-limiting resistor.
(Please connect external resistors if you need to mix other LED colors.)

GQ16F-10D/J/★RGB/▲/S (Dual-color with 3 pins is available)

LED Options★　41: Tri-color (Common Cathode) /
　　　　　　　42: Tri-color (Common Anode)
LED Voltage▲　DC6V / DC12V / DC24V
Body Material■　Stainless Steel
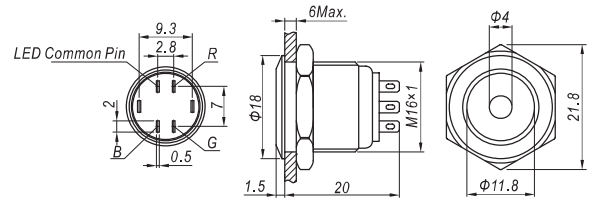
GQ16F-10E/J/★RGB/▲/S (Dual-color with 3 pins is available)

LED Options★　41: Tri-color (Common Cathode) /
　　　　　　　42: Tri-color (Common Anode)
LED Voltage▲　DC6V / DC12V / DC24V
Body Material■　Stainless Steel
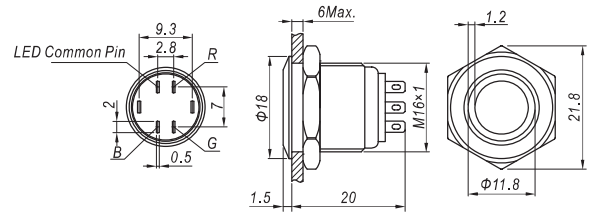
Specifications

Mounting Hole Diameter: Φ16mm
Switch Rating: 2A / 36VDC
　　　　　　　0.5A / 220V
Contact Configuration: 1NO
Function: Momentary
Terminal: Solder Lugs(2×0.5mm)
Switching: X(Double-break Slow-motion contact)
Panel Thickness: 1~6mm
Mounting Nut Torque: About 0.6Nm
Mechanical Life: 1,000,000 cycles
Electrical Life: 50,000 cycles
Actuator Material: Stainless steel
Body Material : Stainless steel
Base: PA
Actuation Force: About 4N
Actuation Travel: About 2mm
Protection Class: IP65(IP67 can be customized),IK08
RoHS can be Customized

Performance characteristics

| Operating Temperature	−25℃~+55℃ (no freezing) Keep air flowing
Operating Humidity	45~85%RH(no condensation)
Contact Resistance	≤50mΩ
Insulation Resistance	≥100MΩ(500VDC)
Dielectric Strength	1500V, RMS 50Hz, 1 minute
Vibration Resistance	50Hz, amplitude about 1.2mm
Soldering Temperature	320℃ 3 seconds

Tri-color Lamp Ratings

Lamp Type	DC Tri-color LED	
LED Color	R G B	
LED Life	40000hours (Ref.)	
Rated Voltage	Without Resistor: R 1.8V　G 2.8V　B 2.8V	
	Built-in Resistor: DC6V, DC12V, DC24V	
Rated Current	5~15mA	
Lamp Circuit Diagram	Common Cathode	Common Anode

Using DC LED lamp, please distingnish anode and cathode；
Built-in current-limiting resistor.
(Please connect external resistors if you need to mix other LED colors.)

LAS1-AGQ-11■D/★RGB/▲/S (Dual-color with 3 pins is available)

Function Options■   Z:Latching / No letter means momentary
LED Options★   41: Tri-color (Common Cathode) /
           42: Tri-color (Common Anode)
LED Voltage▲   DC6V / DC12V / DC24V
Body Material■   Stainless Steel
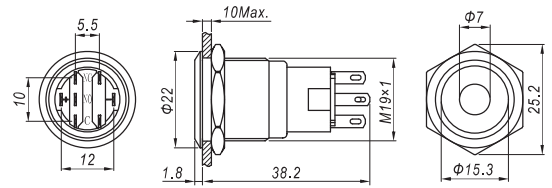
LAS1-AGQ-11■E/★RGB/▲/S (Dual-color with 3 pins is available)

Function Options■   Z:Latching / No letter means momentary
LED Options★   41: Tri-color (Common Cathode) /
           42: Tri-color (Common Anode)
LED Voltage▲   DC6V / DC12V / DC24V
Body Material■   Stainless Steel
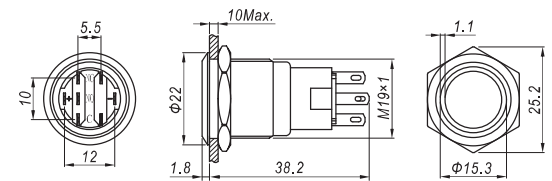
Specifications

Mounting Hole Diameter: Φ19mm
Contact Configuration: 1NO1NC
Terminal: Solder Lugs(2.8×0.5mm)
Switching: C(Singal-break fast-motion contact)
Switch Rating: 5A / 250VDC
Contact Resistance: ≤50mΩ

Insulation Resistance: ≥100MΩ(500VDC)
Dielectric Strength: 1500V, RMS 50Hz, 1 minute
Operating Temperature: -25℃~+55℃(no freezing)
Mechanical Life: 1,000,000 cycles
Electrical Life: 50,000 cycles
Panel Thickness: 1~10mm
Mounting Nut Torque: About 0.6Nm
Actuation Force: About 2N
Actuation Travel: About 3.1mm
Actuator Material: Stainless steel
Body Material : Stainless steel
Base: PBT
Actuation Force: About 4N
Actuation Travel: About 2mm
Protection Class: IP65(IP67 can be customized),IK08
RoHS can be Customized

Terminal Arrangement

LED Pin (Blue)
NC1
LED Pin(Red)
+
NO1
C1   C2
LED Pin (Green)
LED Common Pin

Switch Rating

Rated Insulation Voltage Ui			250V			
Thermal Current Ith			5A			
Rated Voltage			12V	24V	110V	220V
Rated Operation Current	AC 50/60Hz	Resistive load	-	-	1A	0.5A
		Inductive load	-	-	0.7A	0.5A
	DC	Resistive load	1A	1A	0.2A	-
		Inductive load	0.7A	0.7A	0.1A	-
Contact			Silvery Alloy			

Minimum load: 3VAC/DC, 5mA(Ref.)
(Application depends on operating environment and load type.)

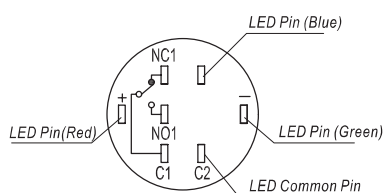## Tri-color Lamp Ratings

Lamp Type	DC Tri-color LED
LED Color	R G B
LED Life	40000hours (Ref.)
Rated Voltage	Without Resistor: R 1.8V G 2.8V B 2.8V
	Built-in Resistor: DC6V DC12V DC24V
Rated Current	5~15mA
Lamp Circuit Diagram	C- R G B C+ R G B
	Common Cathode Common Anode

Using DC LED lamp, please distingnish anode and cathode；
Built-in current-limiting resistor.
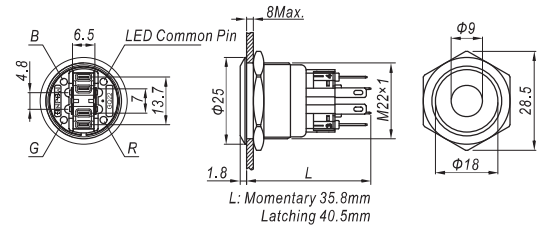(Please connect external resistors if you need to mix other LED colors.)

GQ22-11■D/★RGB/▲/S (Dual-color with 3 pins is available)

Function Options■   Z: Latching / No letter means momentary
LED Options★   41: Tri-color (Common Cathode) /
    42: Tri-color (Common Anode)
LED Voltage▲   DC6V / DC12V / DC 24V
Body Material   ■ Stainless Steel

8Max.
B   6.5   LED Common Pin
4.8
Φ25   M22×1   Φ9
28.5
7
13.7
G   R
1.8   L   Φ18
L: Momentary 35.8mm
Latching 40.5mm
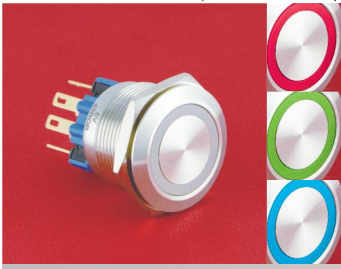
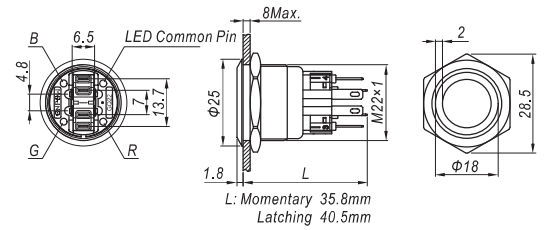GQ22-11■E/★RGB/▲/S (Dual-color with 3 pins is available)

Function Options■   Z: Latching / No letter means momentary
LED Options★   41: Tri-color (Common Cathode) /
    42: Tri-color (Common Anode)
LED Voltage▲   DC6V / DC12V / DC 24V
Body Material   ■ Stainless Steel

8Max.
B   6.5   LED Common Pin
4.8   2
Φ25   M22×1
28.5
7
13.7
G   R
1.8   L   Φ18
L: Momentary 35.8mm
Latching 40.5mm

Specifications

Mounting Hole Diameter: Φ22mm

Contact Configuration: 1NO1NC

Terminal: Solder Lugs(2.8×0.5mm)

Switching: Za(Double-break fast-motion contact)

Contact Resistance: ≤50mΩ

Insulation Resistance: ≥100MΩ(500VDC)

Dielectric Strength: 1500V, RMS 50Hz, 1 minute

Operating Temperature: −25℃~+55℃(no freezing)

Mechanical Life: 1,000,000 cycles

Electrical Life: 50,000 cycles

Panel Thickness: 1~8mm

Mounting Nut Torque: About 0.6Nm

Actuation Force: About 4N

Actuation Travel: About 2.5mm

Actuator Material: Stainless steel

Body Material : Stainless steel

Base: PA

Actuation Force: About 4N

Actuation Travel: About 2mm

Protection Class: IP65(Momentary can be customized with IP67),IK10

RoHS can be Customized

RoHS

Terminal Arrangement

LED Pin (Blue)   LED Common Pin

LED Pin (Green)   LED Pin(Red)
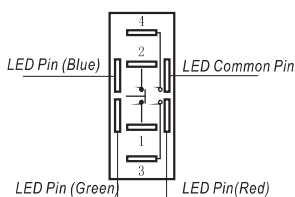
Pin 1,2,3,4 are one set;
1,2 are normal closed(NC);
3,4 are normal opened(NO).
The lamp and switch are relatively
independent and you can use switch or
peripheral circuit to control the lamp state.

Switch Rating

Rated Insulation Voltage Ui			250V			
Thermal Current Ith			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			Silvery Alloy			

Minimum load: 3VAC/DC, 5mA(Ref.)
(Application depends on operating environment and load type.)

Tri-color Lamp Ratings

Lamp Type	DC Tri-color LED
LED Color	R G B
LED Life	40000hours (Ref.)
Rated Voltage	Without Resistor: R 1.8V G 2.8V B 2.8V
	Built-in Resistor: DC6V DC12V DC24V
Rated Current	5~15mA
Lamp Circuit Diagram	C− R G B Common Cathode C+ R G B Common Anode

Using DC LED lamp, please distingnish anode and cathode；
Built-in current-limiting resistor.
(Please connect external resistors if you need to mix other LED colors.)

ONPOW®

HBJD Series *Signal Tower Lights*

Operating Temperature: -25℃~+55℃

Air Humidity: ≤98%

Altiude: 2000m

Vibration Resistance: 50Hz amplitude about 1.2mm

LED Life: 40000hours LED(Steady Light)

25000hours(Flashing Light)

Buzzer Volume: 80~90dB, at 1m

Pollution Degree: 3

HBJD-40 Part Number Description
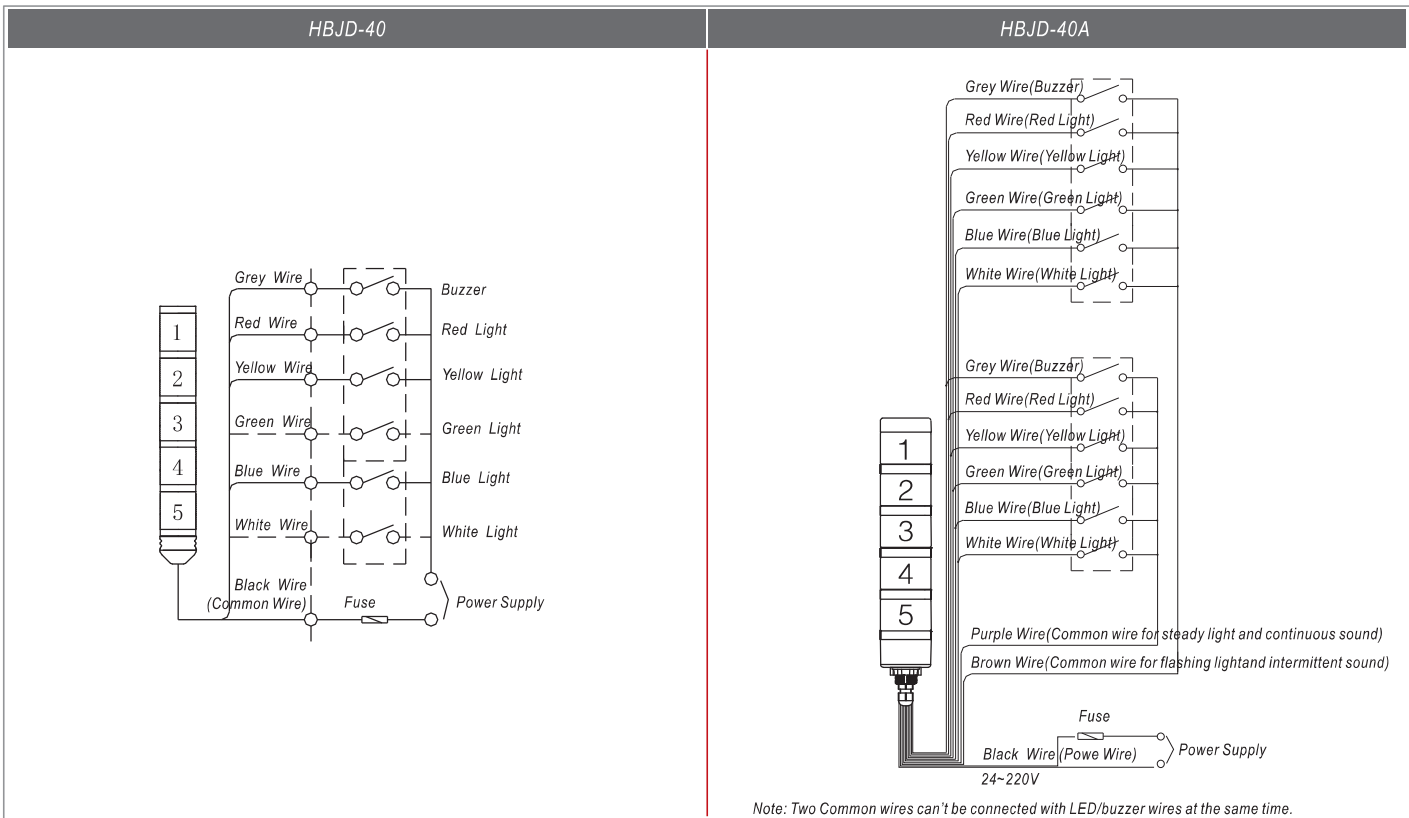
HBJD-40■ □/△/▲/●

Symbol	Indication	Descriptions
□	Working Status	D: Steady Light / DZA: Steady Light and Continuous Sound / DWA: Steady Light and Intermittent Sound
■	Layer	1: Single Layer / 2: Two Layers / 3: Three Layers / 5:Five Layers
△	Color	R: Red / G: Green / Y: Yellow / B: Blue / W: White For multilayers, specify illumination color from top to bottom
▲	Voltage	AC/DC24V / AC220V(Customized)
●	Mounting Style	A: Standard / B: Pole Mounting with Base / C: Side Mounting / D:Pole Mounting with Foldable Base / E: Foldable Base

HBJD-40A Part Number Description

HBJD-40A■ □/△/▲/●

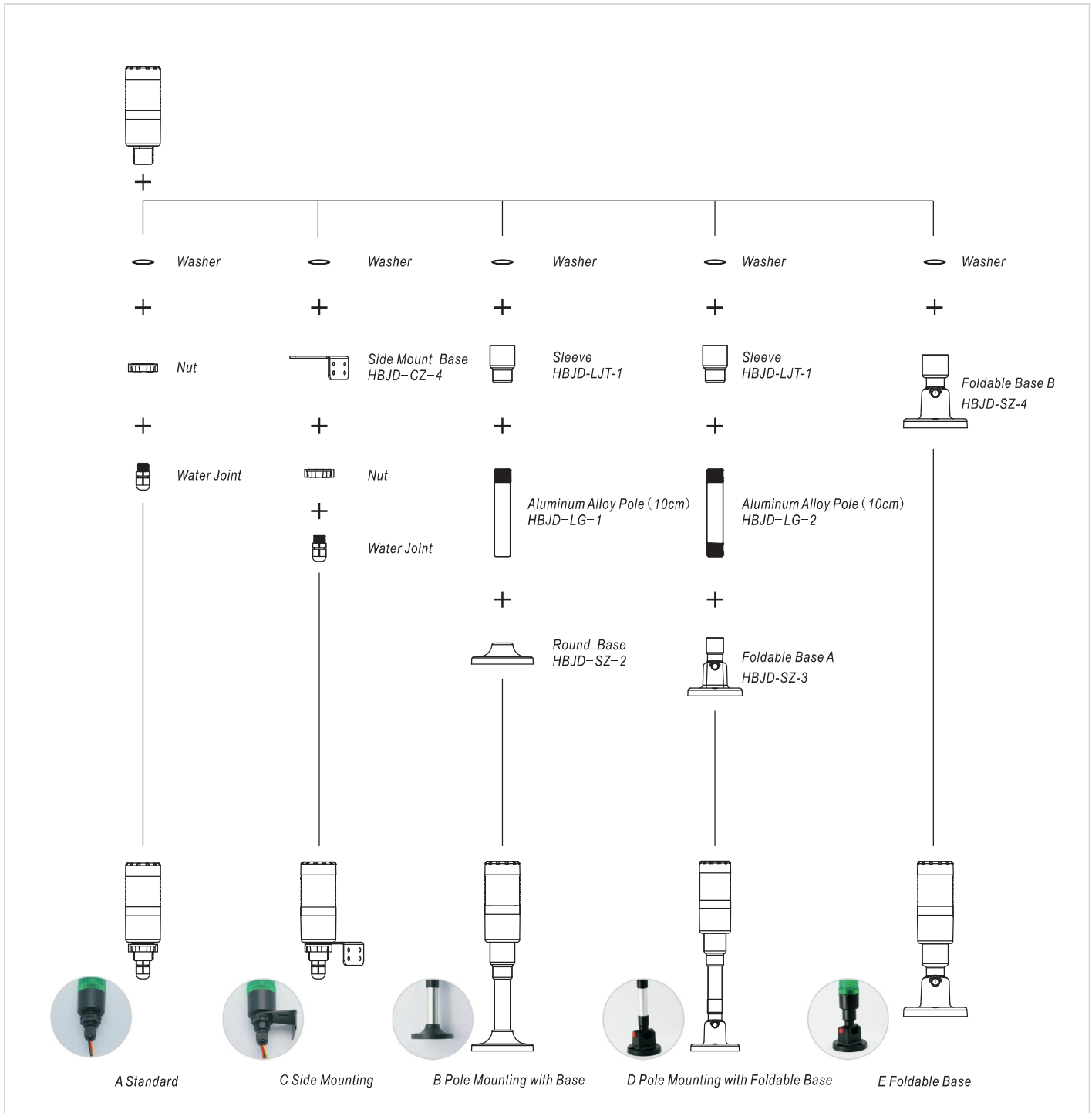| Symbol	Indication	Descriptions
□	Working Status	D:Steady / Flashing Light / DB:Steady / Flashing Light+Continuous / Intermittent Sound / B: Continuous / Intermittent Sound
■	Layer	1: Single Layer / 2: Two Layers / 3: Three Layers / 5:Five Layers
△	Color	R: Red / G: Green / Y: Yellow / B: Blue / W: White For multilayers, specify illumination color from top to bottom
▲	Voltage	24V(Voltage range: 24V~220VAC/DC) / 12VDC(Customized)
●	Mounting Style	A: Standard / B: Pole Mounting with Base / C: Side Mounting / D:Pole Mounting with Foldable Base / E: Foldable Base

Wiring Diagram

HBJD-40	HBJD-40A

Note: Two Common wires can't be connected with LED/buzzer wires at the same time.

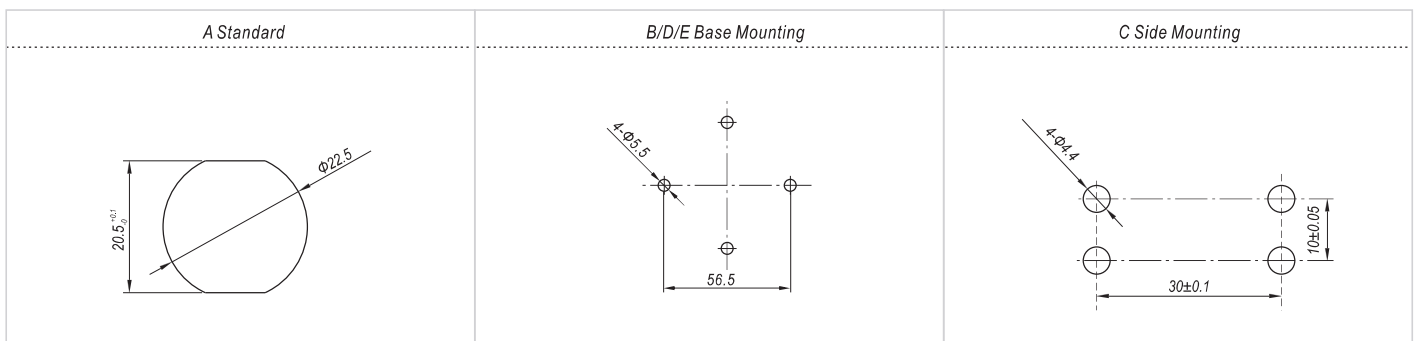## Attention

Ensure power is turned off before wiring.

No open fire around this product, operating temperature ≤ 55℃.

Wires must be approved by safety usage standard.

Base and connecting part assembly must be stable.

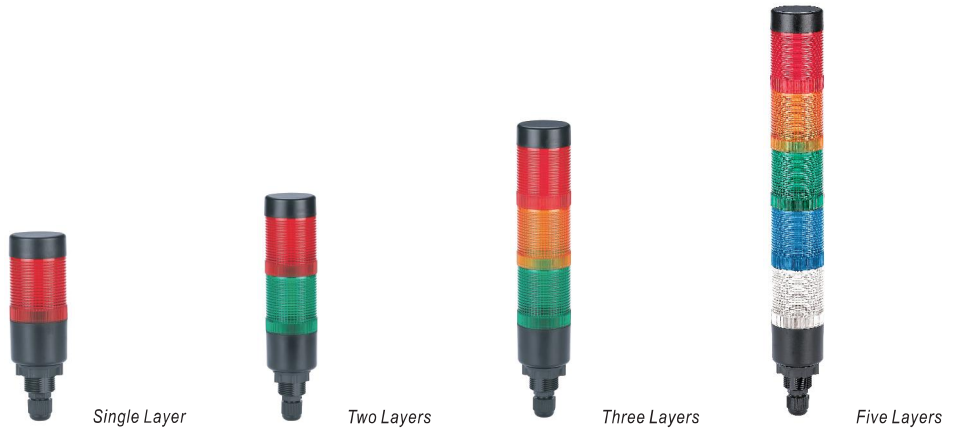Installation and maintain of this product must be operated by professional.
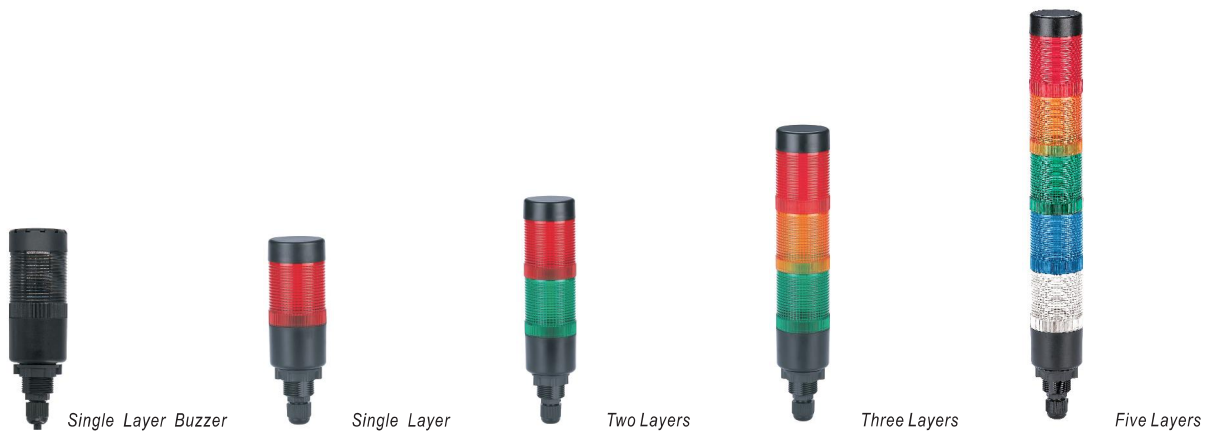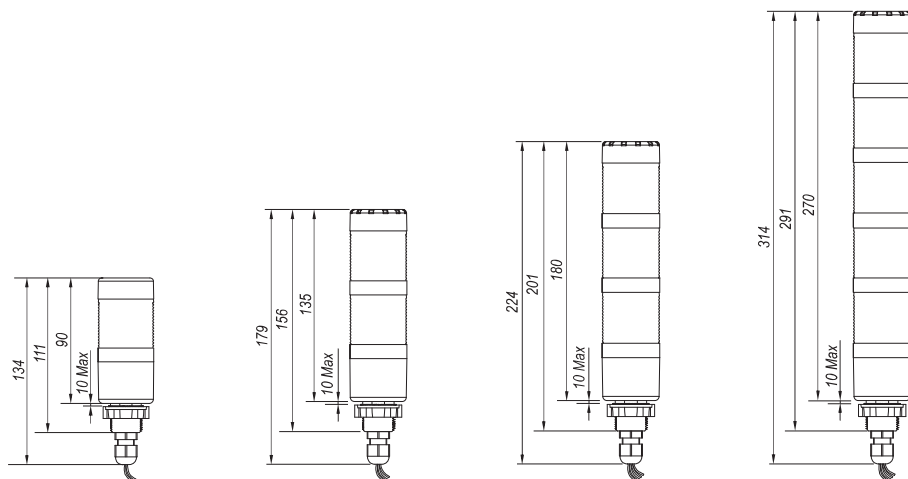
Installation Diagram

Washer

Washer

Washer

Washer

Washer

Nut

Side Mount Base
HBJD−CZ−4

Sleeve
HBJD-LJT-1

Sleeve
HBJD-LJT-1

Foldable Base B
HBJD-SZ-4

Water Joint

Nut

Water Joint

Aluminum Alloy Pole（10cm）
HBJD−LG−1

Aluminum Alloy Pole（10cm）
HBJD−LG−2

Round Base
HBJD−SZ−2

Foldable Base A
HBJD-SZ-3

A Standard

C Side Mounting

B Pole Mounting with Base

D Pole Mounting with Foldable Base

E Foldable Base

Installation Dimensions

A Standard	B/D/E Base Mounting	C Side Mounting
Φ22.5 20.5$^{+0.1}_{0}$	4-Φ5.5 56.5	4-Φ4.4 10±0.05 30±0.1

HBJD-40 Series

Single Layer   Two Layers   Three Layers   Five Layers

HBJD-40A Series

Single Layer Buzzer   Single Layer   Two Layers   Three Layers   Five Layers
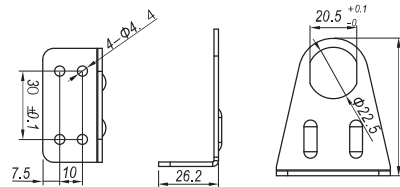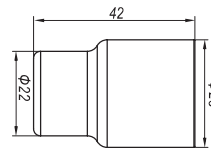
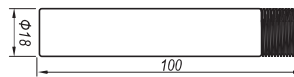## Dimensions

Base
HBJD-SZ-2

Side Mount Base
HBJD-CZ-4

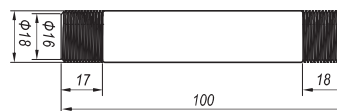

Sleeve
HBJD-LJT-1
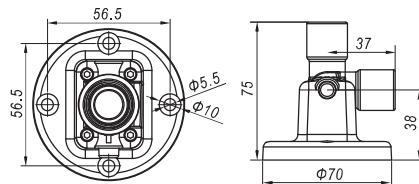

Aluminum Alloy Pole (10cm)
HBJD-LG-1

Aluminum Alloy Pole (10cm)
HBJD-LG-2

Foldable Base A
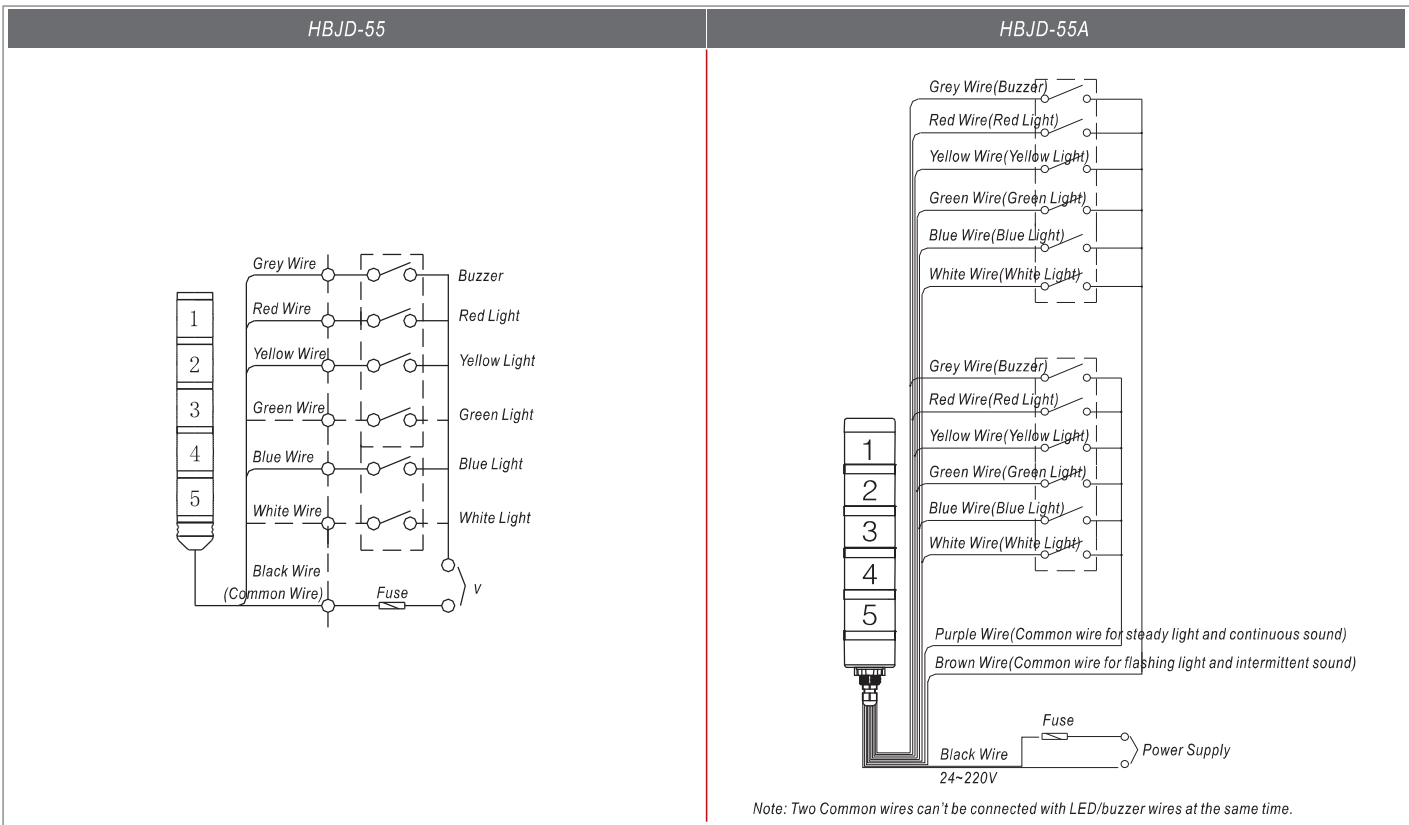HBJD-SZ-3

Foldable Base B
HBJD-SZ-4
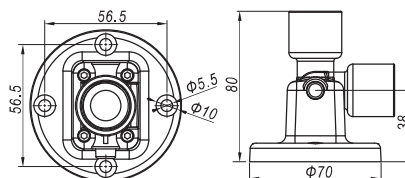
HBJD-55■ □/△/▲/●

Symbol	Indication	Descriptions
□	Working Status	D: Steady Light / DZA: Steady Light and Continuous Sound / DWA: Steady Light and Intermittent Sound
■	Layer	1: Single Layer / 2: Two Layers / 3: Three Layers / 5:Five Layers
△	Color	R: Red / G: Green / Y: Yellow / B: Blue / W: White For multilayers, specify illumination color from top to bottom
▲	Voltage	AC/DC24V / AC220V(Customized)
●	Mounting Style	A: Standard / B: Pole Mounting with Base / C: Side Mounting / D: Pole Mounting with Foldable Base / E: Foldable Base

HBJD-55A Part Number Description

HBJD-55A■ □/△/▲/●

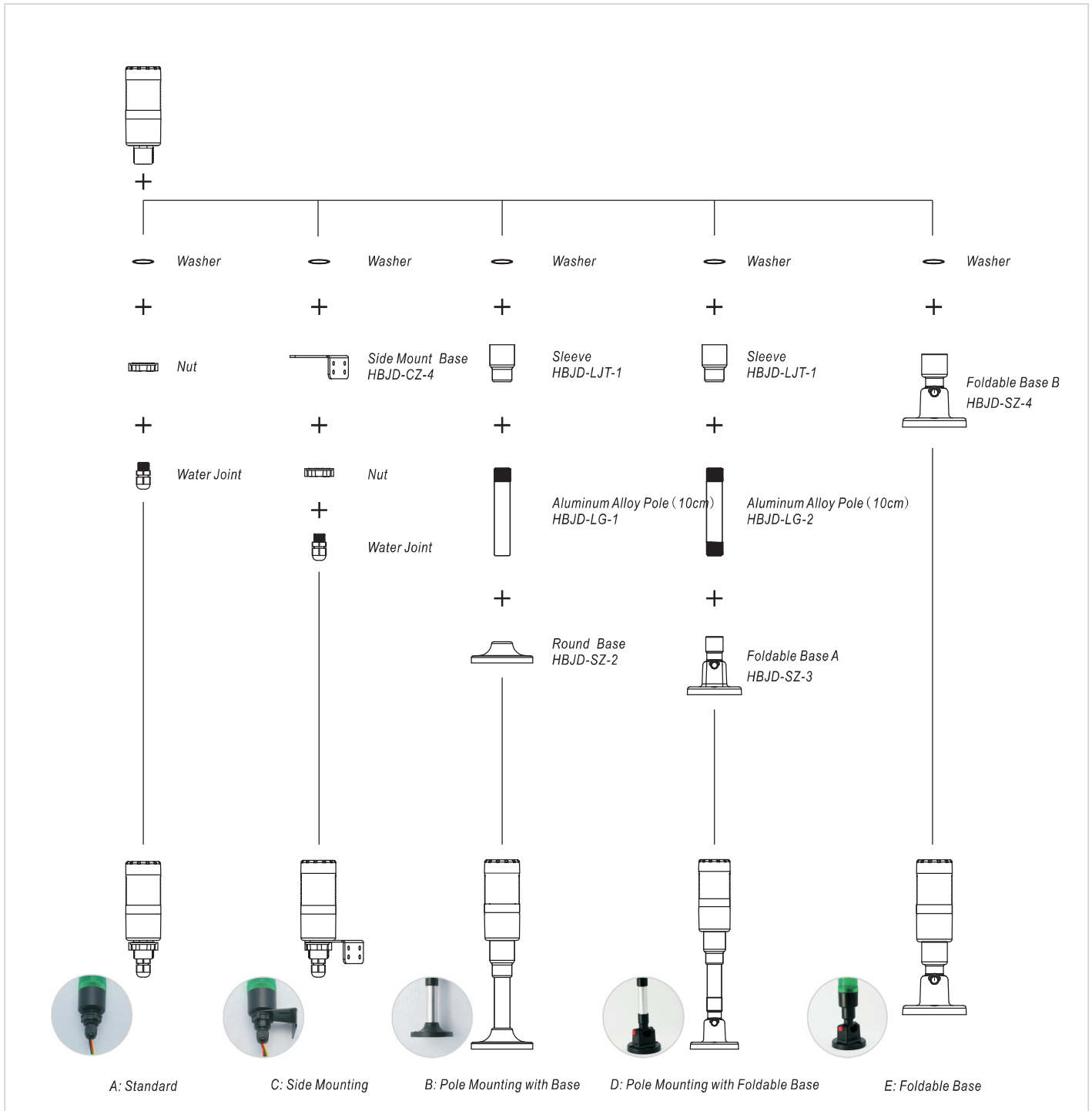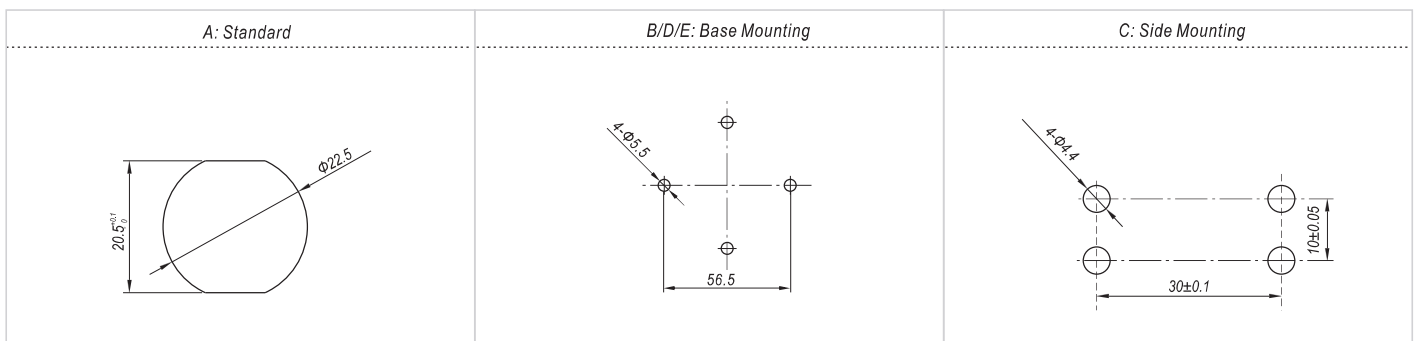| Symbol	Indication	Descriptions
□	Working Status	D: Steady / Flashing Light / DB: Steady / Flashing Light+Continuous / Intermittent Sound / B: Continuous / Intermittent Sound
■	Layer	1: Single Layer / 2: Two Layers / 3: Three Layers / 5:Five Layers
△	Color	R: Red / G: Green / Y: Yellow / B: Blue / W: White For multilayers, specify illumination color from top to bottom
▲	Voltage	24V(Voltage range: 24V~220VAC/DC) / 12VDC(Customized)
●	Mounting Style	A: Standard / B: Pole Mounting with Base / C: Side Mounting / D: Pole Mounting with Foldable Base / E: Foldable Base

Wiring Diagram

HBJD-55	HBJD-55A

Grey Wire(Buzzer)
Red Wire(Red Light)
Yellow Wire(Yellow Light)
Green Wire(Green Light)
Blue Wire(Blue Light)
White Wire(White Light)

Grey Wire(Buzzer)
Red Wire(Red Light)
Yellow Wire(Yellow Light)
Green Wire(Green Light)
Blue Wire(Blue Light)
White Wire(White Light)

Purple Wire(Common wire for steady light and continuous sound)
Brown Wire(Common wire for flashing light and intermittent sound)

Fuse
Power Supply
Black Wire
24~220V

Note: Two Common wires can't be connected with LED/buzzer wires at the same time.

Grey Wire — Buzzer
Red Wire — Red Light
Yellow Wire — Yellow Light
Green Wire — Green Light
Blue Wire — Blue Light
White Wire — White Light
Black Wire (Common Wire) — Fuse — V

Attention

Ensure power is turned off before wiring.

No open fire around this product, operating temperature ≤ 55℃.

Wires must be approved by safety usage standard.

Base and connecting part assembly must be stable.

Installation and maintain of this product must be operated by professional.

Installation Diagram

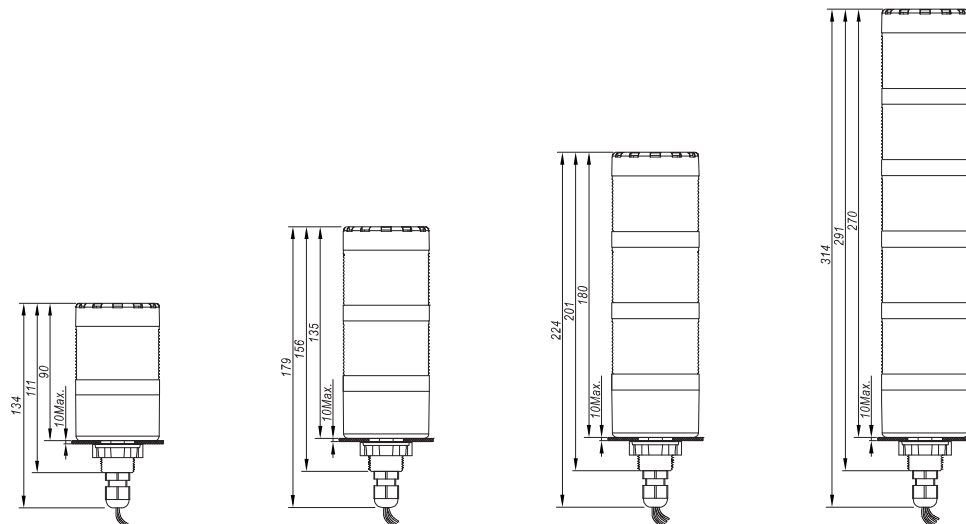Washer   Washer   Washer   Washer   Washer

Nut

Water Joint

Side Mount Base
HBJD-CZ-4

Nut

Water Joint

Sleeve
HBJD-LJT-1

Aluminum Alloy Pole（10cm）
HBJD-LG-1

Round Base
HBJD-SZ-2

Sleeve
HBJD-LJT-1

Aluminum Alloy Pole（10cm）
HBJD-LG-2

Foldable Base A
HBJD-SZ-3

Foldable Base B
HBJD-SZ-4

A: Standard   C: Side Mounting   B: Pole Mounting with Base   D: Pole Mounting with Foldable Base   E: Foldable Base

Installation Dimensions

A: Standard	B/D/E: Base Mounting	C: Side Mounting

A: Standard — Φ22.5, 20.5$_0^{+0.1}$

B/D/E: Base Mounting — 4-Φ5.5, 56.5

C: Side Mounting — 4-Φ4.4, 10±0.05, 30±0.1

HBJD-55 Series

Single Layer   Two Layers   Three Layers   Five Layers

HBJD-55A Series

Single Layer Buzzer   Single Layer Tri-color   Single Layer   Two Layers   Three Layers   Five Layers

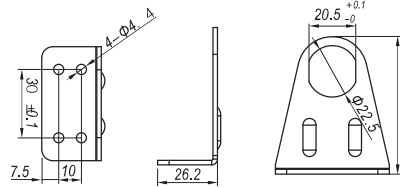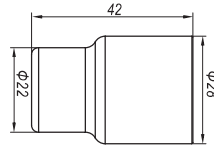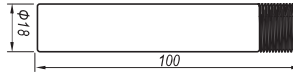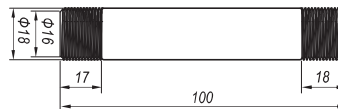## Dimensions

Base
HBJD-SZ-2

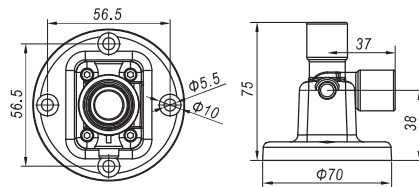Side Mount Base
HBJD-CZ-4

Sleeve
HBJD-LJT-1

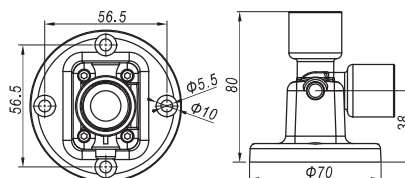Aluminum Alloy Pole(10cm)
HBJD-LG-1

Aluminum Alloy Pole(10cm)
HBJD-LG-2

Foldable Base A
HBJD-SZ-3

Foldable Base B
HBJD-SZ-4

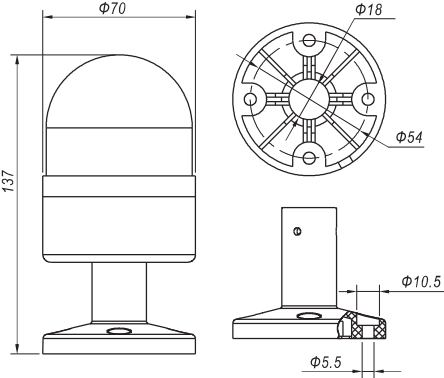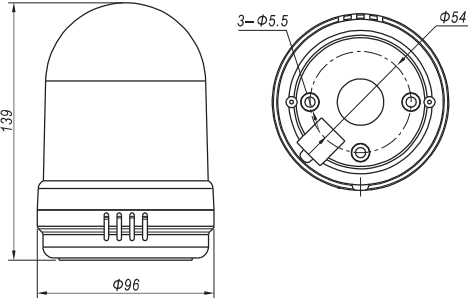## HBJD-70 Signal Tower Lights   HBJD-90 Signal Tower Lights

Features

◉ Operating Temperature: -25℃~+55℃

◉ Air Humidity: ≤98%

◉ Altiude: 2000m

◉ Vibration Resistance: 50Hz amplitude about 1.2mm

◉ LED Life: 40000hours LED(Steady Light)
          25000hours(Flashing Light)
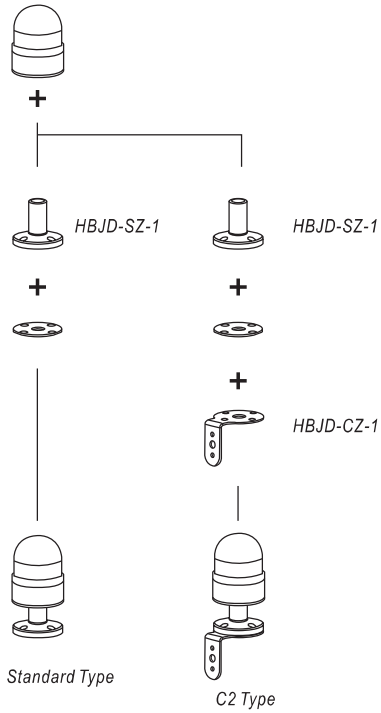
◉ Buzzer Volume: 80~90dB, at 1m

◉ Pollution Degree: 3

Part Number Description

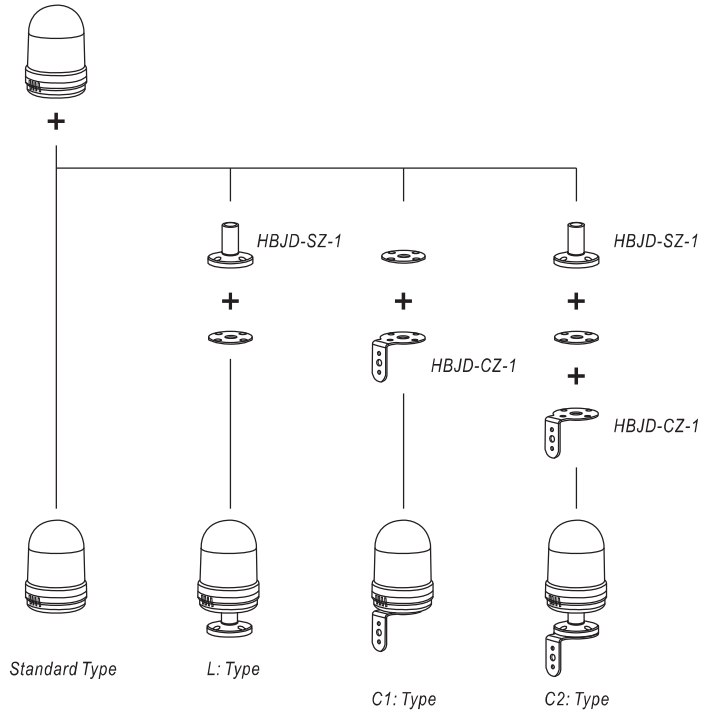| HBJD	–	★	□	■	/	△	/	▲	/	●
		Size 70: ø70mm 90: ø90mm	**Light** D: Steady Light S: Flashing Light	**Buzzer** No letter means no buzzer W: Intermittent Sound Z: Continuous Sound		**Color** R G Y Other color can be customzied		**Voltage** AC/DC 24V AC 110V (Customized) AC 220V (Customized)		**Mounting Style** No letter means standard type L: Base Mounting C1: Side Mounting C2: Side Mounting with Base

Models

Models	Working Status	Part Number	Dimensions
	Steady Light	HBJD-70D/△/▲	
	Flashing Light	HBJD-70S/△/▲	
	Steady Light and Continuous Sound	HBJD-70DZ/△/▲	
	Steady Light and Intermittent Sound	HBJD-70DW/△/▲	
Color Options: R G Y	Flashing Light and Intermittent Sound	HBJD-70SW/△/▲	
	Steady Light	HBJD-90D/△/▲/●	
	Flashing Light	HBJD-90S/△/▲/●	
	Steady Light and Continuous Sound	HBJD-90DZ/△/▲/●	
	Steady Light and Intermittent Sound	HBJD-90DW/△/▲/●	
Color Options: R G Y	Flashing Light and Intermittent Sound	HBJD-90SW/△/▲/●	

HBJD-70 Installation Diagram

HBJD-SZ-1   HBJD-SZ-1

+   +

+

HBJD-CZ-1

Standard Type

C2 Type

HBJD-90 Installation Diagram

HBJD-SZ-1   HBJD-SZ-1

+   +   +

HBJD-CZ-1

HBJD-CZ-1

Standard Type   L: Type   C1: Type   C2: Type

Accessories	Base HBJD-SZ-1	Side Mounting HBJD-CZ-1
Dimensions	Φ18 Φ54 Φ10.5 Φ25 Φ5.5 Φ70 60	62 85 15 15 30 2-Φ6 Φ10 Φ70

Wiring Diagram

P/N	HBJD-70	HBJD-90
Wiring Diagram	Blue Signal Tower Light Brown ~ Note: Light and buzzer are controlled synchronously.	Blue Yellow Signal Tower Light Brown ~ Blue Yellow Signal Tower Light Brown ~ Note: Blue Wire for LED; Yellow Wire for buzzer; Brown: Common Wire.

ONPOW®

Specifications	Dimensions

GQ16B-□/▲

Mounting Hole Diameter: Φ16mm
Sound Type(□): Continuous Sound(M) / Discontinuous Sound(JM)
Supply Voltage(▲): DC12V / DC24V
Rated Current: ≤30mA
Buzzer Volume: ≥85dB(at 0.1m distance) / ≥75dB(at 1m distance)
Body Material: Stainless Steel
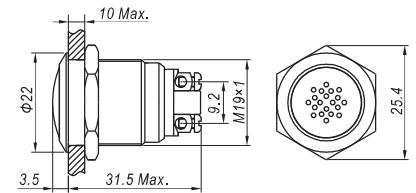IP Rating: IP40, IK04
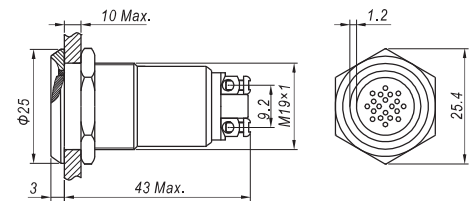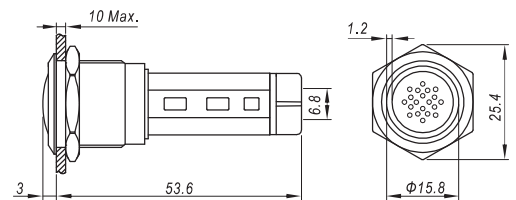
10 Max.
Φ18   M16×1   6.2   21.8
2.5   32.5 Max.

GQ19B-□/▲

Mounting Hole Diameter: Φ19mm
Sound Type(□): Continuous Sound(M) / Discontinuous Sound(JM)
Supply Voltage(▲): DC12V / DC24V
Rated Current: ≤30mA
Buzzer Volume: ≥85dB(at 0.1m distance) / ≥75dB(at 1m distance)
Body Material: Stainless Steel
IP Rating: IP40, IK04

10 Max.
Φ22   M19×1   9.2   25.4
3.5   31.5 Max.

GQ19B-SM/△/▲

Mounting Hole Diameter: Φ19mm
Sound Type: Flashing Buzzer(SM)
LED Color(△): [R] Other color can be customized
Supply Voltage(▲): DC12V / DC24V
Rated Current: ≤30mA
Buzzer Volume: ≥85dB(at 0.1m distance) / ≥75dB(at 1m distance)
Body Material: Stainless Steel
IP Rating: IP40, IK04

10 Max.   1.2
Φ25   M19×1   9.2   25.4
3   43 Max.

LAS1-AGQ-□/▲

Mounting Hole Diameter: Φ19mm
Sound Type(□): Continuous Sound(M) / Discontinuous Sound(JM)
Supply Voltage(▲): DC12V / DC24V
Rated Current: ≤30mA
Buzzer Volume: ≥85dB(at 0.1m distance) / ≥75dB(at 1m distance)
Body Material: Stainless Steel
IP Rating: IP40, IK04

10 Max.   1.2
6.8   25.4
3   53.6   Φ15.8

LAS1-AGQ-SM/△/▲

Mounting Hole Diameter: Φ19mm
Sound Type: Flashing Buzzer(SM)
LED Color(△): [R] Other color can be customized
Supply Voltage(▲): DC12V / DC24V
Rated Current: ≤30mA
Buzzer Volume: ≥85dB(at 0.1m distance) / ≥75dB(at 1m distance)
Body Material: Stainless Steel
IP Rating: IP40, IK04

10 Max.   1.2
6.8   25.4
3   53.6   Φ15.8