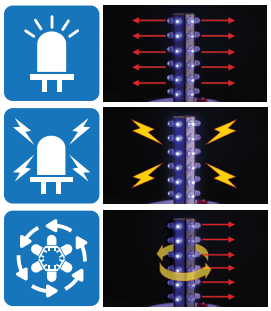
QNE series

Ø92mm Explosion Proof LED Signal/ Warning Light

IP66 -40~+60℃ -40~+50℃

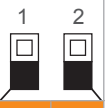
Flame proof LED signal light that features steady/flashing, strobe, and simulated revolving light functions in one unit



- **LED Steady/ Flashing**
  Repeat operation of LED light on/off
- **LED Strobe**
  Short LED steady/flashing. Creates a xenon flashing effect by providing maximum electric current
- **LED Simulated Revolving Flashing**
  LED flashes steadily around the cylindrical LED filaments which makes a simulated revolving effect

Instruction for Light Function Switch

ON=1 / OFF=0



Can select 4 different kinds of light functions with switch configuration

No.	1	2	Operation
0	0	0	LED Steady
1	0	1	LED Flashing
2	1	0	LED Strobe
3	1	1	LED Simulated revolving flashing

QNE

QNE-SUS

Specifications (QNE/ QNE-SUS)

- Explosion proof, multifunctional, and compact LED signal light designed for use in explosive gas environments with Ex d ⅡC rating
- Features excellent shock and vibration resistance, maintenance significantly reduced with long-lasting LED light source
- Features superior durability with aluminum housing(QNE)
- STS housing provides superior durability and corrosion resistance(QNE-SUS)
- Fully enclosed structure with protection rating of IP66
- Housing standard color : Red, MUNSELL No. 7.5BG 7/2
- Cable entry : 1/2″ NPT
- Flashing rate(LF type) : 60-80 flashes/min.
- Strobe rate(LS type) : 70-80 flashes/min.
- Simulated revolving rate(LR type) : 120-140RPM
- Materials : Lens-Tempered glass, Inner lens-PC, Bracket-STS304, Protection cage-STS316, Housing-Al(QNE), STS(QNE-SUS)
- Certificates : ATEX, IECEx, KCs
- Protection rating : ATEX - Ex db IIC T5/T6 Gb, IP66
  IECEx- Ex db IIC T5/T6 Gb, IP66
  KCs - Ex d IIC T6/T5, IP66
- Ambient operating temperature : -40°C ≤ T_{amb} ≤ +60°C(T5)
  -40°C ≤ T_{amb} ≤ +50°C(T6)

QNE Explosion Proof Signal/ Warning Light

- Features superior durability with aluminum housing

Model number	Voltage	Current	Certificates	Weight	Color
QNE	DC12V-24V	Max. 0.558A	IECEx ATEX	2.05kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	AC110V-230V	Max. 0.136A	KCs		

QNE-SUS Explosion Proof Signal/ Warning Light

- Features superior corrosion resistance and durability with STS housing

Model number	Voltage	Current	Certificates	Weight	Color
QNE-SUS	DC12V-24V	Max. 0.558A	IECEx ATEX	4.65kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	AC110V-230V	Max. 0.136A	KCs		

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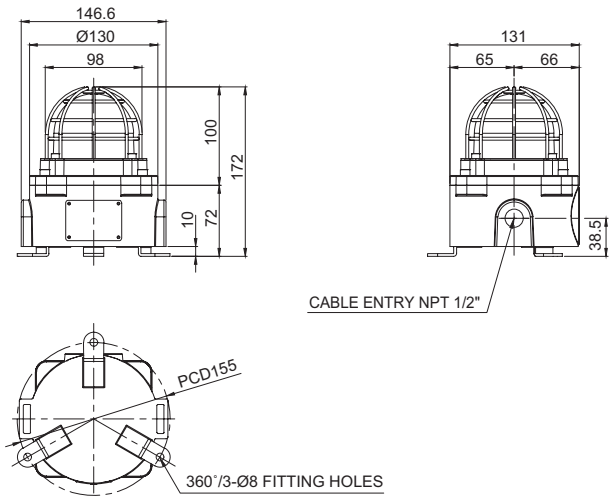
Technical Diagram (Units : mm)

QNE/ QNE-SUS



Customization

- Built-in explosion proof cable gland
  Standard type does not provide explosion proof cable gland
- Two way cable entries
- M20x1.5 cable entry
- ATEX certified type
- IECEx certified type

Ordering Specification

QNE	-	110/230	-	R	-	SUS
[Model number]		[Voltage]		[Color]		[Housing material]
• QNE		• 12/24 -DC12V-24V • 110/230 -AC110V-230V		● R-Red ● A-Amber ● G-Green ● B-Blue		• (Blank) - Al • SUS - STS