Q30 Series

Ø30mm panel mount LED indicators

DISTINCTIVE FEATURES

23.2mm coloured Fresnel lens
200 mm long wire terminations
Rear epoxy sealed

ENVIRONMENTAL SPECIFICATIONS

• Above panel sealing tested to IP67 & IP69K

• Operating & Storage Temperature Range:
  Operating temperature: -40 °C to +85 °C (–40 °F to +185 °F)
  Storage temperature: -40 °C to +100 °C (–40 °F to +212 °F)

GENERAL SPECIFICATIONS

• Operating voltage: 12 to 24Vac/dc

• Current consumption: 30 mA (nominal across operating voltage range)

• Reverse voltage protection: the indicator has no polarity

• Over-voltage protection: activates at 36 V

• Viewing Angle: 60°

• Life Expectancy: 100,000 hours

• Maximum panel thickness: 9 mm

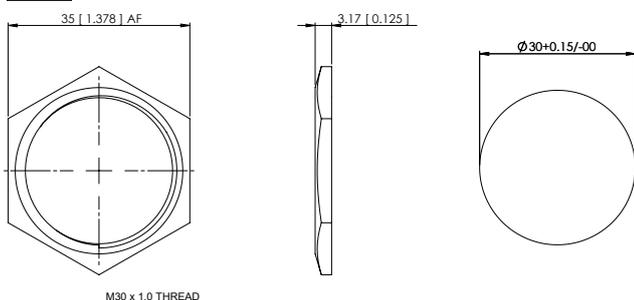• Insulation resistance : 4,000 MΩ at 500 VDC

MATERIALS

• Stainless steel 316L body, PC lens, Nitrile o-ring

MOUNTING

• Mounting torque: 75cNm/0.75Nm

35 [1.378] AF

3.17 [0.125]

Ø30+0.15/-00

M30 x 1.0 THREAD

Q30 series

Ø30 mm panel mount LED indicators

⚡ ELECTRICAL SPECIFICATIONS

STANDARD LED INTENSITY

LED COMPONENT SPECIFICATIONS		
	Typical intensity (mcd)	Forward Voltage (Vac/dc)
Red	4000 mcd	7.5
Green	5200 mcd	7.5
Yellow	3800 mcd	7.5
Blue	1300 mcd	7.5
White	5200 mcd	7.5

ADDITIONNAL INFORMATION ON LED COMPONENTS

- The operating voltage must not be exceeded by more than 20% as this will result in reduced life expectancy.
- Luminous intensity is measured at 30mA unless otherwise stated.
- Recommended usage:
  - Standard: Homogenous light output that is good for indoor applications.
  - Hyper Bright: Homogenous light output that is good for outside viewing and is daylight visible.
  - Super Bright: A water clear LED that is good for long distance viewing and is daylight visible.
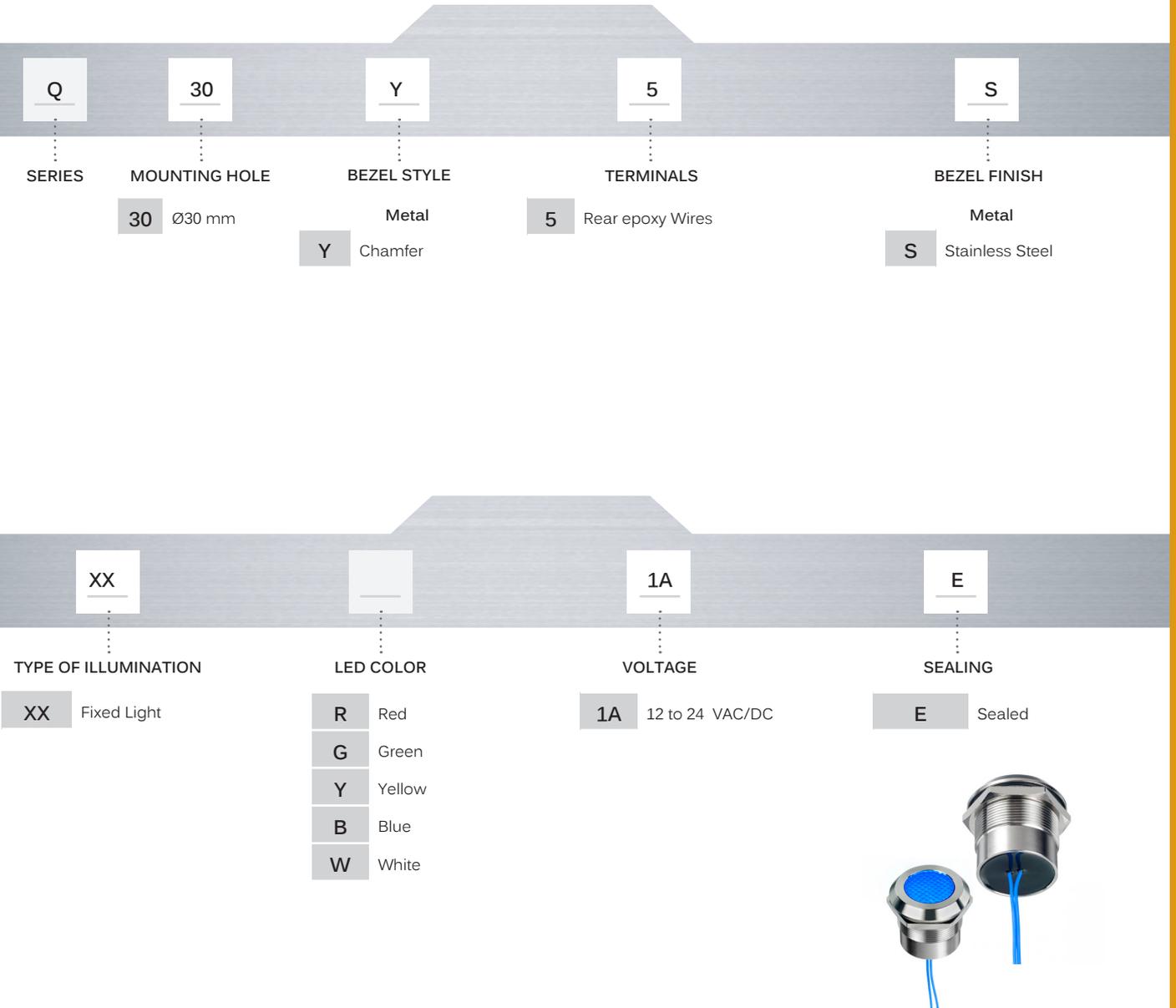
⤬ CONNECTIONS

M30 x 1.0 THREAD
2 x WIRE
$\varnothing$ 35.0 [1.378]
4.5 [0.177]
13.8 [0.541]
210 190 [8.268] [7.480]
23.0 [0.906]
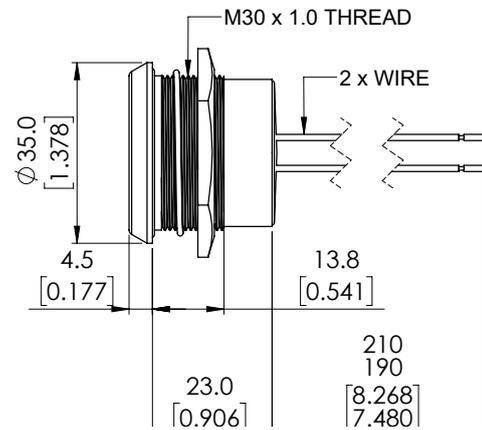
Q30 series

Ø30 mm panel mount LED indicators

🧩 BUILD YOUR PART NUMBER

Q	30	Y	5	S
SERIES	MOUNTING HOLE	BEZEL STYLE	TERMINALS	BEZEL FINISH

MOUNTING HOLE

30	Ø30 mm

BEZEL STYLE

Metal

Y	Chamfer

TERMINALS

5	Rear epoxy Wires

BEZEL FINISH

Metal

S	Stainless Steel

XX		1A	E
TYPE OF ILLUMINATION	LED COLOR	VOLTAGE	SEALING

TYPE OF ILLUMINATION

XX	Fixed Light

LED COLOR

R	Red
G	Green
Y	Yellow
B	Blue
W	White

VOLTAGE

1A	12 to 24 VAC/DC

SEALING

E	Sealed

⚡ ABOUT THIS SERIES

• Standard and Bi-Colour are provided in Standard wire length is 200mm, 24AWG UL1061, Red wire denotes anode (+), Black wire denotes cathode (-) for other lengths consult APEM.