Q25 Series

Ø25mm panel mount LED indicators

DISTINCTIVE FEATURES

18.2mm colored 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 24 Vac/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

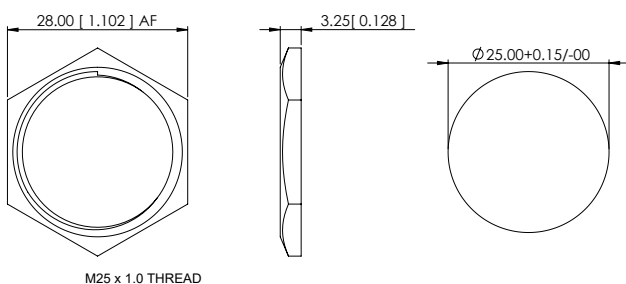• Insulation resistance : 4,000 MΩ at 500 VDC

MATERIALS

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

MOUNTING

• Mounting torque: 75 cNm/0.75 Nm

28.00 [1.102] AF

3.25[0.128]

Ø25.00+0.15/-00

M25 x 1.0 THREAD

APEM

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⚡ ELECTRICAL SPECIFICATIONS

STANDARD LED INTENSITY

LED COMPONENT SPECIFICATIONS			
		Typical intensity (mcd)	Forward Voltage (Vac/dc)
	Red	5400 mcd	7.5
	Green	6900 mcd	7.5
	Yellow	5100 mcd	7.5
	Blue	2000 mcd	7.5
	White	6900 mcd	7.5
RGB	Red	530 mcd	1.8
	Green	1200 mcd	2.7
	Blue	280 mcd	2.7

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 30 mA 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.
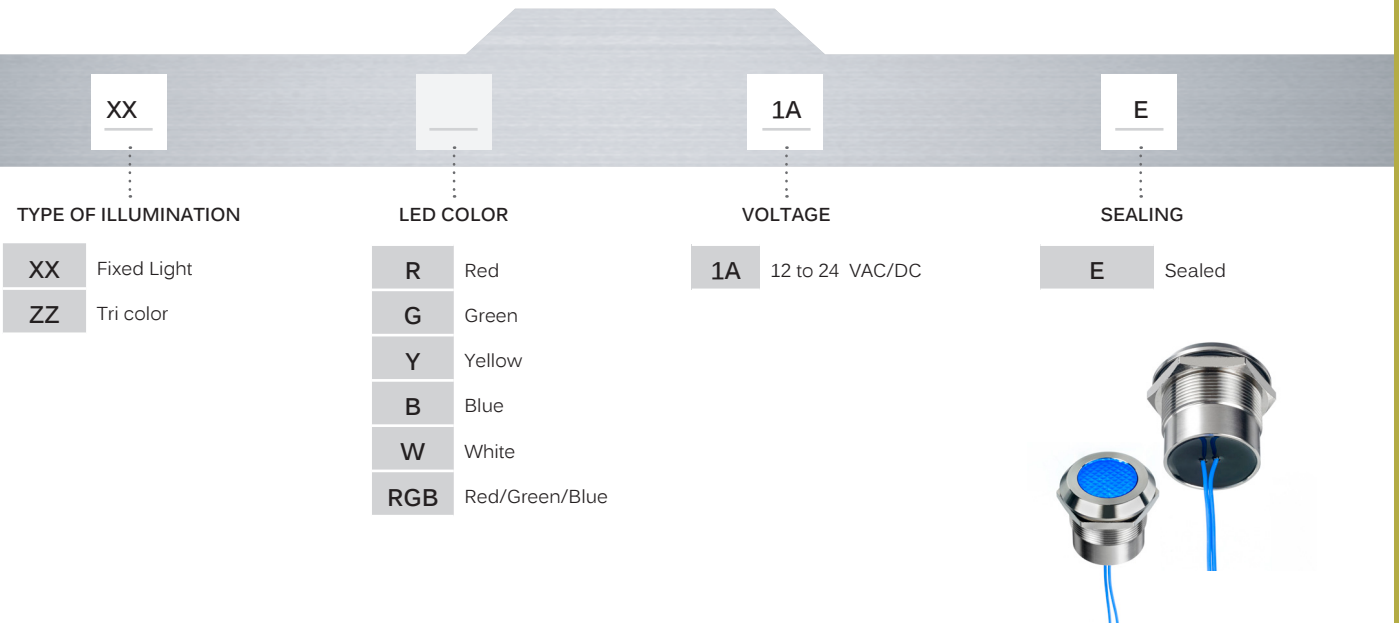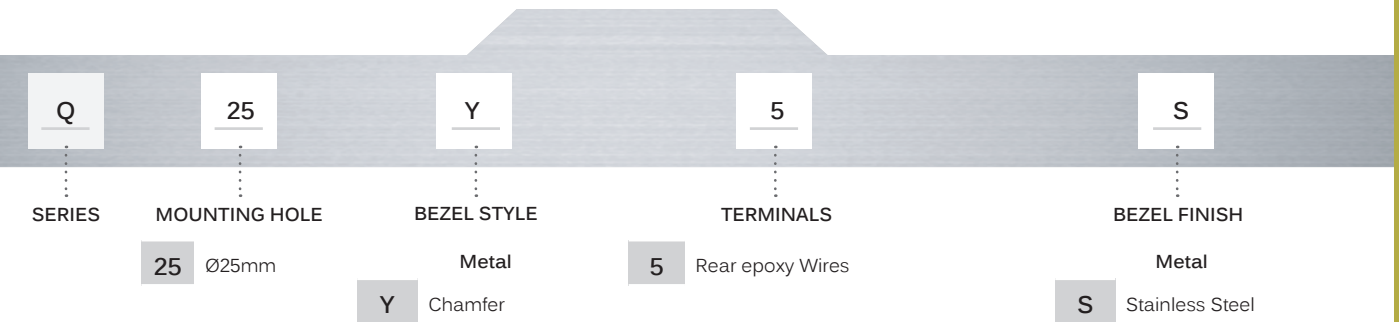
⤬ CONNECTIONS
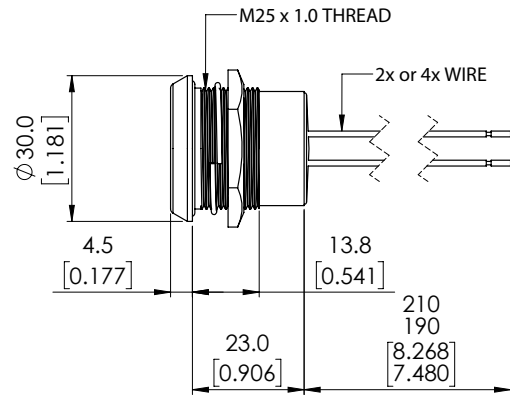
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BUILD YOUR PART NUMBER

Q	25	Y	5	S
SERIES	MOUNTING HOLE	BEZEL STYLE	TERMINALS	BEZEL FINISH

MOUNTING HOLE

25	Ø25mm

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
ZZ	Tri color

LED COLOR

R	Red
G	Green
Y	Yellow
B	Blue
W	White
RGB	Red/Green/Blue

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.