Ø8 and Ø14 mm rear panel mount • NVIS LED indicators

DISTINCTIVE FEATURES

NVIS Green A, NVIS Green B, NVIS Yellow, NVIS Red, NVIS White NVIS compliant to MIL Std 3009

200 mm wire for Ø 8 and 14 mm or rigid pin (1.00 mm) for Ø8 mm terminations



MO RANNY TOT

ENVIRONMENTAL SPECIFICATIONS

- IP67 sealing option (EN60529)
- Operating Temperature Range: -40 °C to +85 °C (–40 °F to +185 °F)
- Storage Temperature Range: 55 °C to +100 °C (-67 °F to +212 °F)



GENERAL SPECIFICATIONS

- Max Reverse Voltage: 5 V
- Viewing Angle: 60°
- Life Expectancy: 100,000 hours
- Max Panel Thickness: 3.5 mm
- Torque: Ø8 mm: 60 cNm Ø14 mm: 75 cNm

) ELECTRICAL SPECIFICATIONS

Operating Voltage	Operating Current	
(Min to Max)	(Typical All Types)	
2.1 to 3.3VDC	20mA max	
5.4 to 6.6VDC	20mA	
10.8 to 13.2VDC	20mA	
21.6 to 26.4VDC	20mA	
25.2 to 30.8VDC	20mA	
	(Min to Max) 2.1 to 3.3VDC 5.4 to 6.6VDC 10.8 to 13.2VDC 21.6 to 26.4VDC	





LED COMPONENT SPECIFICATIONS					
LED Color	NVIS Radiance	NVIS Chromoticity	Dominant Wavelength	MCD Output	Forward Voltage
NW1S Green A	NRa≤1.7eE-10 @ 0.1fL	r ≤ .037	530nm	150mcd	3.3V
NW1S Green A	NRA≤1.7eE-10 @ 0.1fL	r ≤ .057	555nm	150mcd	3.3V
NW1S Yellow Class A	5.0E-8 ≤ NRA ≤ 1.5E-7 @ 15fL	r ≤ .083	-	150mcd	3.3V
NW1S Yellow Class B	4.7E-8 ≤ NRB ≤ 1.47E-7 @ 15fL	r ≤ 0.83	585nm	150mcd	3.3V
NW1S Red	4.7E-8 ≤ NRB ≤ 1.4E-7 @15 fL	r ≤ .060	605nm	110mcd	2.1V
NW1S White	NRA ≤ 1.0E-9 @ 0.1fL	r ≤ .40	(x).33 (y).33	150mcd	3.3V

The company reserves the right to change specifications without notice.

LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal and subject to variations.

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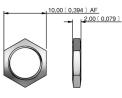


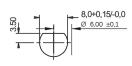
ELECTRICAL SPECIFICATIONS (CONTINUED)

- The operating voltage must not be exceeded by more that 10% as this will result in reduced life expectancy
- Luminous intensity is measured at 20 mA on a discrete led unless otherwise stated.
- Luminous intensities and color shades of white LEDs may vary within a batch.
- Luminous intensity will be reduced with lower operating current.

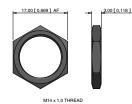


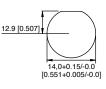
Ø8 MM











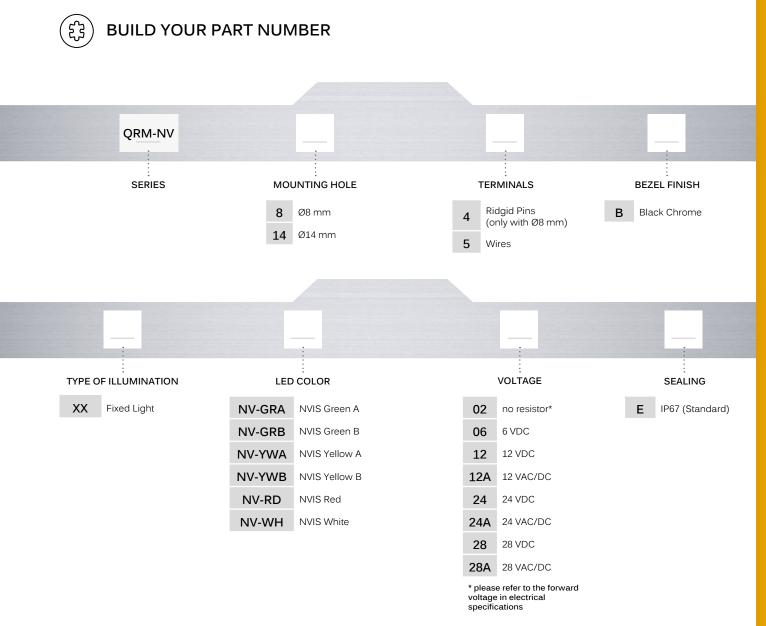


MATERIALS

- Body: Black chrome plated brass
- Lock Washer: Spring steel
- Nut: Black chrome plated brass
- Terminal Seal: Epoxy
- Panel Seal: Nitrile O-ring
- Wires: Ø8 mm: 24 AWG Approved to UL1213 Ø14 mm: 22A WG - Approved to UL1007



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ABOUT THIS SERIES

Notice: please note that not all combinations of above numbers are available.

- Standard wire length is 200 mm, 24 AWG UL1061, red wire denotes Anode (+), black wire denotes Cathode (-) for other wire lengths consult APEM.
- For LEDs with alternate voltages and multi-voltage options consult APEM.
- Take care when soldering (recommended solder temperature 270°C 2 sec).
- Suitable for the toughest environment and compliant to MIL standard specification

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Ø8 MM REAR MOUNT - PINS TERMINALS



Ø8 MM REAR MOUNT - WIRES TERMINALS



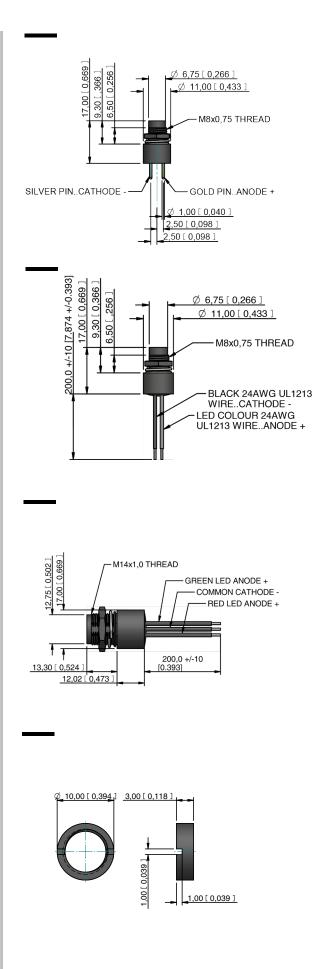
Ø14 MM REAR MOUNT - WIRES TERMINALS



HARDWARE - CYLINDRICAL DRESS NUTS - FOR Ø8 MM ONLY



P/N : AUK0001



Ø8 and Ø14 mm rear panel mount • NVIS LED indicators

LED INDICATORS

HARDWARE - KNURLED DRESS NUTS - FOR Ø8 MM ONLY

P/N : AUK0002

10,20 [0,401



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