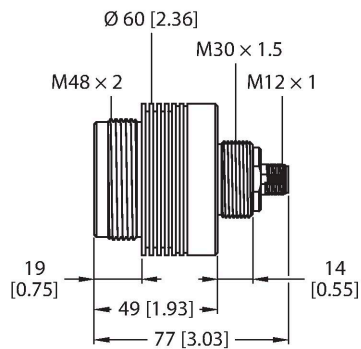


GS60YL4Q

Vision System – Spotlight



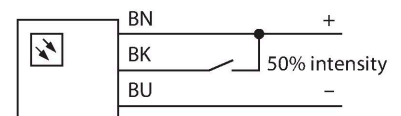
mm [inch]



Features

- Increased visibility and efficiency in inspection and image-processing applications
- Large illuminated area with a diameter of 60 mm
- Rugged, sealed housing with protection class IP67
- 30-mm mounting base
- Operating voltage: 12...30 VDC
- M12 × 1 connector, 4-pin
- Two-stage dimming (high/low)

Wiring diagram



Functional principle

The GS60 Spot Lamp is a powerful lighting and display solution designed for large industrial areas and visual applications. With a single high-brightness LED, this high-performance lamp provides high contrast for inspection and detection tasks, device status warnings and operator guidance. This lamp improves visibility with its bright, focused spot, reducing errors, increasing productivity and improving operator interaction with the system. Seven color options are available, including blue for mobile equipment and green for material handling or part selection guidance. The white, infrared and UV light colors are well suited for image-processing applications. Adjust the light to your ideal application intensity with two control options: (high/low/off) or adjustable PWM/flashing light and 1...10 VDC dimming control, connected via an integrated M12 connector. The rugged anodized aluminum housing and

Technical data

Type	GS60YL4Q
ID	3815792
Signal and display data	
Purpose	Image processing
Function	Spotlight
Light type	Yellow
Wavelength	590 nm
Luminous flux lumen	155 lm
LED service life (L70)	60000 h
Dimmable	Two-stage
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_a	≤ 180 mA
Input power	5.4 W
Mechanical data	
Cascadable	No
Design	Cylinder, threaded, Cylinder
Dimensions	Ø 60 x 77 mm
Housing material	Aluminium, AL, Black
Electrical connection	Connector, M12
with motion switch	no
Ambient temperature	-40...+50 °C
Storage temperature	-40...+70 °C
Protection class	IP67
Tests/approvals	
Approvals	CE, cULus, UKCA

polycarbonate window construction withstand harsh environments and shocks to provide reliable and long-lasting performance.