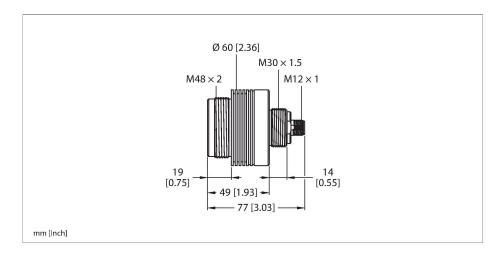
GS60IL4Q | 04-03-2025 13-24 | Technical modifications reserved

GS60IL4Q Vision System – Spotlight



Technical data

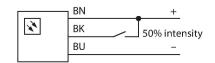
ID 3815793 Signal and display data Purpose Image processing Function Spotlight Light type IR Wavelength 850 nm Dimmable Two-stage Electrical data Operating voltage U _B 1230 VDC DC rated operating current I _B ≤ 90 mA Input power 5.4 W Mechanical data Cascadable No Design Cylinder, threaded, Cylinder 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	Туре	GS60IL4Q
Purpose Image processing Function Spotlight Light type IR Wavelength 850 nm Dimmable Two-stage Electrical data Operating voltage U _a Operating voltage U _a 1230 VDC DC rated operating current I _a ≤ 90 mA Input power 5.4 W Mechanical data Cascadable 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	ID	3815793
Function Spotlight Light type IR Wavelength 850 nm Dimmable Two-stage Electrical data Operating voltage U ₈ 1230 VDC DC rated operating current I ₈ ≤ 90 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	Signal and display data	
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Dimmable Two-stage Electrical data Operating voltage U ₈ 1230 VDC DC rated operating current I ₆ ≤ 90 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	Light type	IR
Electrical data Operating voltage U ₈ 1230 VDC DC rated operating current I ₆ 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 Ambient temperature -40+50 °C Storage temperature -40+70 °C Protection class IP67	Wavelength	850 nm
Operating voltage Us 1230 VDC DC rated operating current Is ≤ 90 mA Input power 5.4 W Mechanical data No 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	Dimmable	Two-stage
DC rated operating current I₀ ≤ 90 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	Electrical data	
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	Operating voltage U _B	1230 VDC
Mechanical data Cascadable Design Cylinder, threaded, Cylinder Dimensions Ø 60 x 77 mm Housing material Aluminium, AL, Black Electrical connection with motion switch Ambient temperature -40+50 °C Storage temperature -40+70 °C Protection class IP67 Tests/approvals	DC rated operating current I _e	≤ 90 mA
Cascadable 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	Input power	5.4 W
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	Mechanical data	
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	Cascadable	No
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	Design	Cylinder, threaded, Cylinder
Electrical connection With motion switch Ambient temperature Storage temperature Protection class Tests/approvals Connector, M12 no -40+50 °C -40+70 °C IP67	Dimensions	Ø 60 x 77 mm
with motion switch Ambient temperature -40+50 °C Storage temperature -40+70 °C Protection class IP67 Tests/approvals	Housing material	Aluminium, AL, Black
Ambient temperature -40+50 °C Storage temperature -40+70 °C Protection class IP67 Tests/approvals	Electrical connection	Connector, M12
Storage temperature -40+70 °C Protection class IP67 Tests/approvals	with motion switch	no
Protection class IP67 Tests/approvals	Ambient temperature	-40+50 °C
Tests/approvals	Storage temperature	-40+70 °C
	Protection class	IP67
Approvals CE, cULus, UKCA	Tests/approvals	
	Approvals	CE, cULus, UKCA



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 highperformance 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





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