K50LRGX8PQ8
LED Indicator – Beacon for Safety Light Screen


mm [Inch]
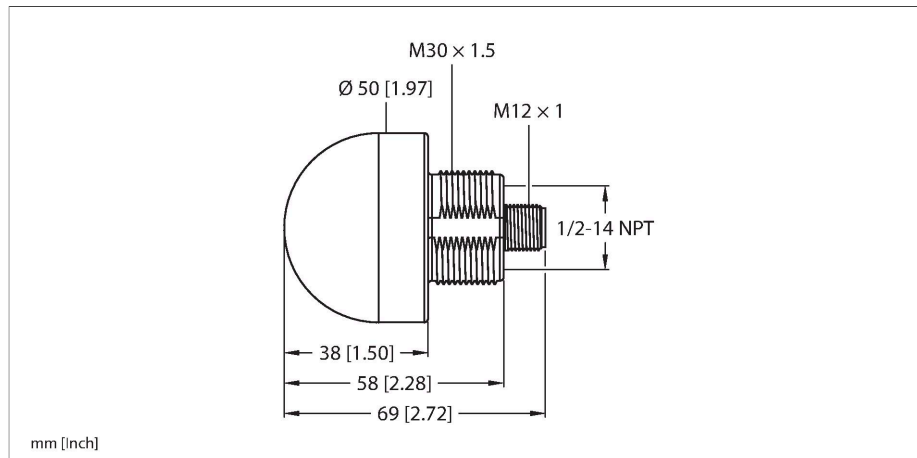
Technical data

Type	K50LRGX8PQ8
ID	3076000
Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	Red Green
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Red, Permanently on
Features of color 2	Green
Special features	Wash down
Electrical data	
Operating voltage	18…30 VDC
DC rated operational current	≤ 45 mA
Max. current consumption per color	40 mA
Output function	NO contact, Potential-free
Input type	PNP
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Dome, K50L
Dimensions	Ø 50 x 69 mm
Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	8

Features

- LED all-round visible
- Controllable via EZ-SCREEN safety light screen
- Mechanical screw-in thread M30 x 1.5
- Protection class IP67
- Multicolor: Red (COL 1) / Green (COL 2)
- Male M12x1
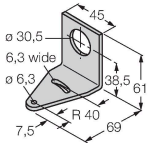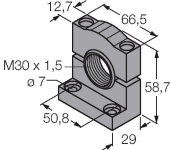- Operating voltage 18…30 VDC

Wiring diagram
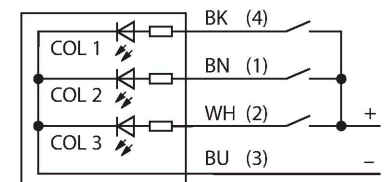
Functional principle

The LED display with protection class IP67 is made for application in industrial environments due to its robustness.
This LED indicates the status of an OSSD output of a connected safety light screen.

Technical data

Ambient temperature	-40…+50 °C
Relative humidity	0…90 %
Protection class	IP67 IP69
Tests/approvals	
MTTF	249 years acc. to SN 29500 (Ed. 99) 40 °C
Approvals	CE, UL listed

Accessories

SMB30A	3032723
	Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread

ø 30,5
6,3 wide
ø 6,3
45
38,5
61
R 40
69
7,5

SMB30SC	3052521
	Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable

12,7
66,5
M30 x 1,5
ø 7
58,7
50,8
29

Accessories

Dimension drawing	Type	ID	
	CSB-M1288M1281	3073253	Y-piece, PVC, yellow, length: 2.5 m with male, M12 x 1, 8-pin on 2 x 0.3 m cable, PVC, yellow, with female, M12 x 1, 8-pin