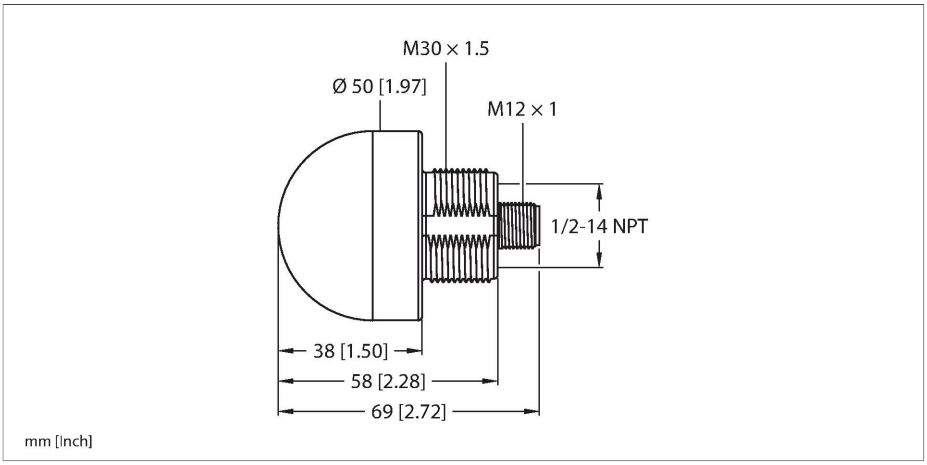
K50LGRYPQ
LED Signal Light – Beacon



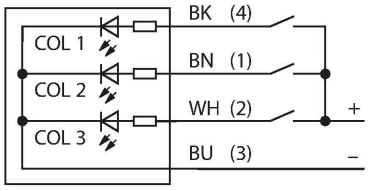
Technical data

Type	K50LGRYPQ
ID	3075671
Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	Green Red Yellow
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Green, Permanently on
Features of color 2	Red
Features of color 3	Yellow
Special features	Wash down
Electrical data	
Operating voltage U_B	18…30 VDC
DC rated operating current I_e	≤ 40 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

Features

- All-round LED display
- Individually controllable
- Mechanical screw-in thread M30 x 1.5
- Protection classes IP67/IP69K
- Multicolor: Green (COL 1) / Red (COL 2) / Yellow (COL 3)
- Male M12x1
- Operating voltage 18…30 VDC

Wiring diagram



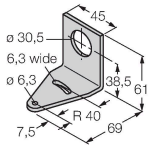
K50LGRYPQ | 04-03-2025 13-01 | Technical modifications reserved

Technical data

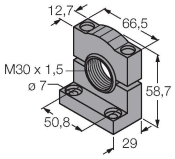
Electrical connection	Connector, M12 × 1, PVC
Number of cores	4
Ambient temperature	-40…+50 °C
Relative humidity	0…90 %
Protection class	IP67 IP69
Tests/approvals	
MTTF	249 years acc. to SN 29500 (Ed. 99) 40 °C
Approvals	CE, UL listed

Accessories

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

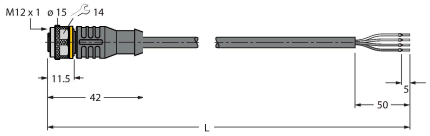


SMB30SC	3052521
	Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable

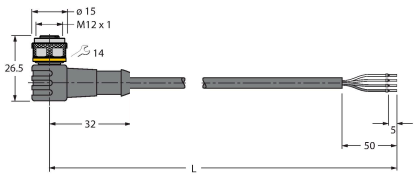


Accessories

Dimension drawing	Type	ID	
	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval



	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval



K50LGRYPQ | 04-03-2025 13-01 | Technical modifications reserved