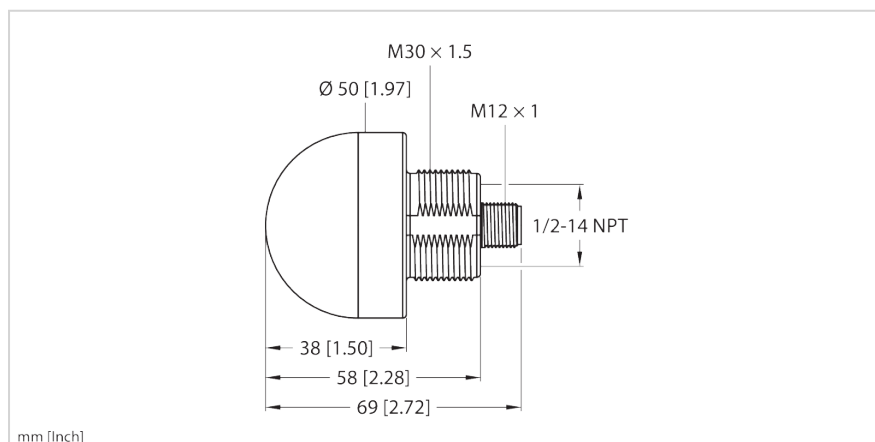


K50LGRYW4PQ

LED signal light Beacon



Type designation	K50LGRYW4PQ
Ident-No.	3085385

Technical data

General data	
Purpose	LED indicator light
Special features	Wash down
Signal and Display Data	
Features of color 1	Green, Miscellaneous
Features of color 2	Red
Features of color 3	Yellow
Features of color 4	White
LED service life (L70)	50000 h
Number of colors/segments	4
Power supply	
Operating voltage U_B	18...30 VDC
Electrical data	
Output function	5-wire, normally open NO, Potential-free
DC rated operational current	≤ 40 mA
Max. current consumption per color	50 mA
Response time typical	<250 ms
Inputs	

Features

- All-round LED display
- Individually controllable
- Mechanical screw-in thread M30 × 1.5
- Protection class IP67/IP69K
- Colors: Green (COL 1) / Red (COL 2) / Yellow (COL 3) / White (COL 4)
- Male connector M12 × 1
- Operating voltage 18...30 VDC
- Multifunctional

Technical data

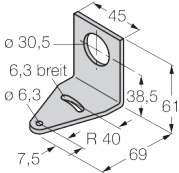
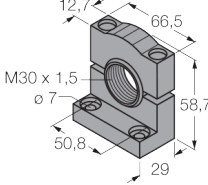
Input type	PNP
Mechanical data	
Design	Dome
Construction type designation	K50L
	ø 50 mm
Dimensions	69 mm
Housing material	Plastic, PC, Black
Electrical connection	Connector, M12 x 1
Cascadable	No
Window material	Polycarbonate, diffuse
Cable	
Core cross-section	5
Cable Jacket Material	PVC
Ambient conditions	
Ambient temperature	-40...+50 °C
Relative humidity	0...95 %
Protection class	IP67 IP69
Tests/approvals	
Approvals	CE, UL listed
MTTF	249 Years acc. to SN 29500 (Ed. 99) 40 °C
Displays/controls	
Dimmable	No

Pin assignment

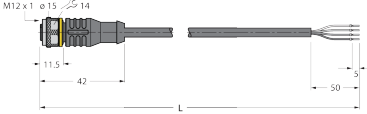
PIN 4 (BK)	PIN 1 (BN)	PIN 2 (WH)	<i>Pin 5 (GY)</i>	<i>Function</i>
X				Green remainsü constant.
X		X		Greenü blinking
	X			red steady
X	X			red flashing
		X		yellow steady
	X	X		yellow flashing
			X	blue steady
	X		X	blue flashing
X			X	üAlternate green and red.
		X	X	red and blue alternating

X		X	X	Alternate greenü and yellow.
X	X		X	üAlternate green and blue.
	X	X	X	red and yellow alternating
X	X	X		yellow and blue alternating
X	X	X	X	üGreen, red, yellow, and blue, alternating.

Mounting accessories

SMB30A	3032723	SMB30SC	3052521
Mounting bracket, rectangular, stainless steel, for sensors with 30-mm thread 		Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable 	

Connection accessories

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 