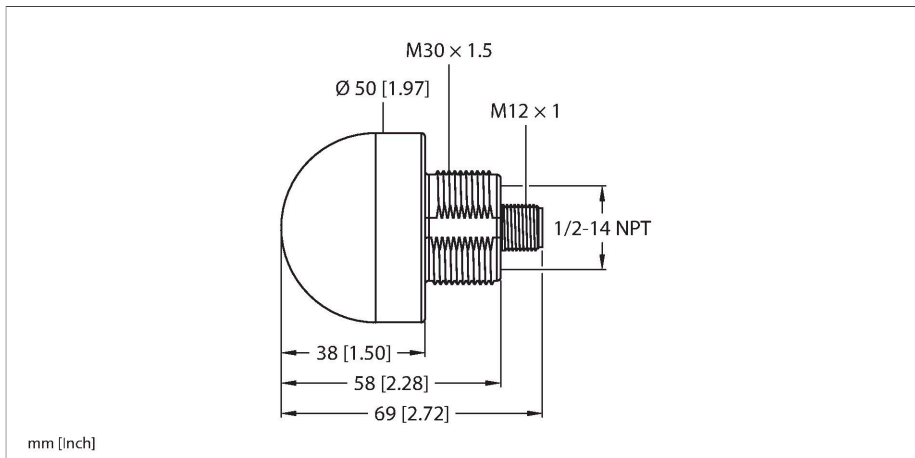


# K50L2RGB7Q

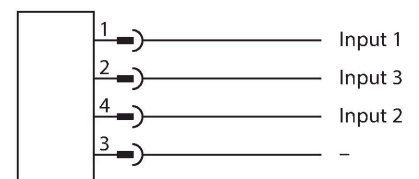
## LED Signal Light – Beacon



### Features

- All-round LED display
- Individually controllable
- Mechanical screw-in thread M30 x 1.5
- Protection classes IP67/IP69K
- In the standard settings, up to seven colors can be displayed in accordance with the logic table (COL 1, COL 2, COL 3, flashing function)
- Can be configured using Pro Editor, can display up to 14 colors, various lighting animations, configurable I/O-block compatibility
- Male M12x1
- Operating voltage 18...30 VDC

### Wiring diagram



	R	Y	G	T	B	M	W
COL1	X	X				X	X
COL2		X	X	X			X
COL3				X	X	X	X

### Technical data

Type	K50L2RGB7Q
ID	3802145
<b>Signal and display data</b>	
Purpose	LED indicator light
Function	Spotlight
Light type	RGB
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Red, Permanently on, 6.3 lm
Features of color 2	Green, 21.4 lm
Features of color 3	Blue, 4.7 lm
Features of color 4	Yellow, 17.2 lm
Features of color 5	White, 21.3 lm
Features of color 6	Magenta, 8.5 lm
Features of color 7	25.1 lm
Special features	Wash down
<b>Electrical data</b>	
Operating voltage $U_b$	10...30 VDC
DC rated operating current $I_o$	≤ 40 mA
Max. current consumption per color	220 mA
Output function	NO contact, Potential-free
Input type	Bipolar (PNP/NPN)
Response time typical	< 250 ms
<b>Mechanical data</b>	
Cascadable	No
Design	Dome, K50L
Dimensions	Ø 50 x 69 mm

## Technical data

Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	5
Ambient temperature	-40...+50 °C
Relative humidity	0...90 %
Protection class	IP66 IP67 IP69
<b>Tests/approvals</b>	
MTTF	249 years acc. to SN 29500 (Ed. 99) 40 °C
Approvals	CE, UL listed

## Accessories

<b>SMB30A</b>	<b>3032723</b>	<b>SMB30SC</b>	<b>3052521</b>
Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread		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

K50L2RQB7Q | 04-03-2025 13-04 | Technical modifications reserved

Dimension drawing	Type	ID	
	RKC4.5T-2/TEL	6625016	Connection cable, M12 female connector, straight, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
	WKC4.5T-2/TEL	6625028	Connection cable, M12 female connector, angled, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval