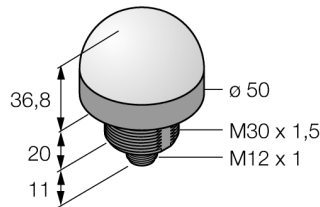


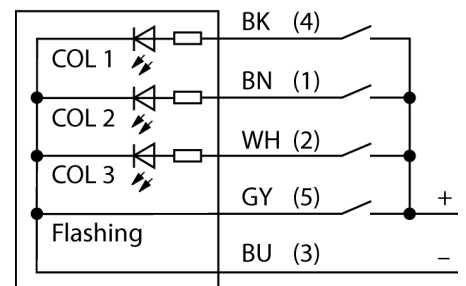
LED Indicator Beacon K50L2RGB7Q



- 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

Type designation	K50L2RGB7Q
Ident no.	3802145
Purpose	LED indicator light
Function	Spotlight
Cascadable	no
Design	Cylinder, threaded
Construction type designation	K50L
Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Cable Jacket Material	PVC
LED service life (L70)	50000 h
Protection class	IP66 / IP67 / IP69K
Ambient temperature	-40...+50 °C
Relative humidity	0...90%
MTTF	249 years acc. to SN 29500 (Ed. 99) 40 °C
Approvals	CE, UL listed
Operating voltage	18...30 VDC
DC rated operational current	≤ 40 mA
Response time typical	< 250 ms
Output function	NO contact, Potential-free
Electrical connection	Connectors, M12 x 1
Light type	RGB
Dimmable	no

Wiring Diagram



Functional principle

These lights have RGB LEDs. Four input signals enable one of seven predefined colors to be controlled when using the standard settings, with an optional flashing function if required. The logic table shows which input needs to be connected. Using the Pro Editor software, the advanced settings allow these lights to be assigned up to 14 predefined colors. The major advantage of these LEDs is the color fidelity and luminance. Compared to their predecessors, a large number of variants can be produced with just a single light.

The wiring diagram shows a PNP pin assignment.

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

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Accessories

Type code	Ident no.	Description	Dimension drawing
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	