K50L2RGB7A1Q
LED Signal Light –   Beacon with Audible Signal
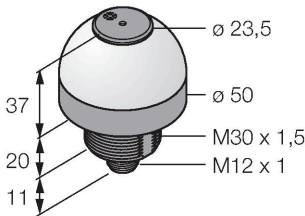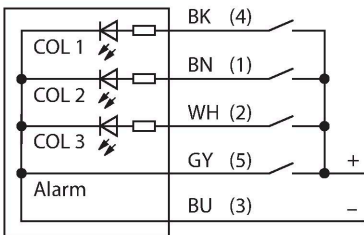

Technical data

Type	K50L2RGB7A1Q
ID	3802148
Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	RGB
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
Acoustic signal	Continuous tone, 75 dB
Electrical data	
Operating voltage U_B	18…30 VDC
DC rated operating current I_e	≤ 40 mA
Max. current consumption per color	220 mA
Max. current consumption of beeper	220 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 250 ms
Mechanical data	
Cascadable	No
Design	Dome, K50L
Dimensions	Ø 50 x 68 mm

Features

- LED all-round visible
- Continuous signal: 75dB
- Individually controllable
- Mechanical screw-in thread M30x1.5
- Protection class IP50
- 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 M12 x 1, 5-pin
- Operating voltage 18…30 VDC
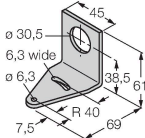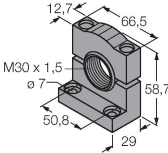
Wiring diagram

Functional principle

The rugged and IP50 rated LED is qualified for industrial environments. Depending on the connection, one of the three colors lights steady for the duration of a PNP input signal.

Technical data

Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	5
Ambient temperature	-20…+50 °C
Relative humidity	0…90 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL listed

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

Accessories

SMB30A	3032723		SMB30SC	3052521
	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	
	RKC4.5T-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