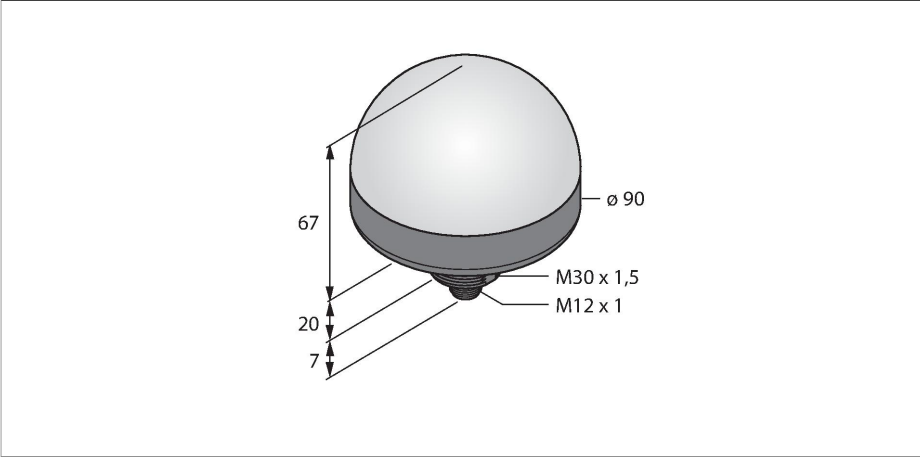


K90PLKQ
LED Signal Light



Technical data

Type	K90PLKQ
ID	3810933
Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	RGB
Dimmable	No
Electrical data	
Operating voltage U _B	12...30 VDC
Input power	5.7 W
Input type	Bimodal (PNP/NPN)
Mechanical data	
Cascadable	No
Design	Cylinder, threaded, K90L
Dimensions	Ø 90 x 87 mm
Housing material	Plastic, PC
Window material	Plastic, diffuse
Electrical connection	Connector, M12 × 1
Ambient temperature	-40...+50 °C
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed



Features

- All-round LED display
- Protection class IP67
- Mechanical screw-in thread M30 x 1.5
- M12 x 1 male, 5-pin
- Up to 12 predefined colors or millions of customized colors can be displayed
- Flashing function, alternation, two-colored displays and intensity check
- Operating voltage: 12...30 VDC
- Individually controllable
- Inputs: PNP

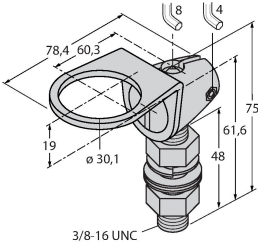
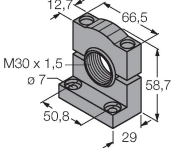
Wiring diagram



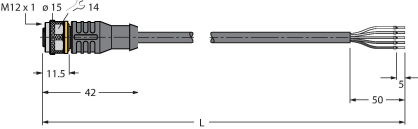
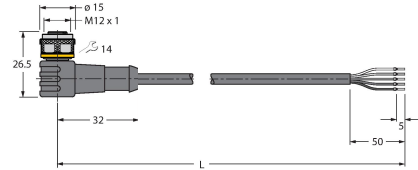
Functional principle

These indicator lights have RGB LEDs. Using IO-Link, 1 of up to 12 predefined colors can be activated or 1 of up to 1,000,000 desired colors can be set using X and Y coordinates. The functions include a flashing function, intensity check and animations such as rotation, alternation and 2-colored displays. 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.

Accessories

SMB30A	3032723	Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread	SMB30FA	3074005	Montagewinkel; Werkstoff VA 1.4401
					
SMB30SC	3052521	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