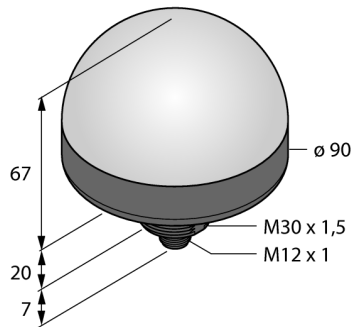


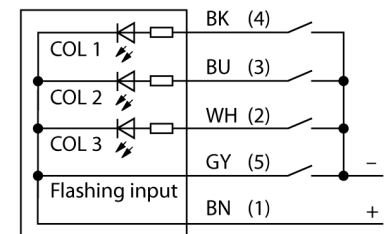
LED Signal Light Beacon K90LRNQ



Type	K90LRNQ
ID	3092845
Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	Red
Wavelength	625 nm
Luminous flux lumen	65 lm
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Red, Permanently on, 65 lm
Electrical data	
Operating voltage U_a	12...30 VDC
Max. current consumption per color	475 mA
Input power	5.7 W
Input type	minus-schaltend
Response time typical	< 75 ms
Mechanical data	
Cascadable	No
Design	Dome, K90L
Dimensions	Ø 90 x 87 mm
Housing material	Plastic, PC
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 x 1, PVC
Number of cores	5
Ambient temperature	-40...+50 °C
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

- All-round LED display
- Protection class IP67
- Mechanical screw-in thread M30 x 1.5
- M12 x 1 male, 5-pin
- Monochrome: Red (COL 1)
- Flashing function (1.6 Hz) selectable via function input
- Operating voltage: 12...30 VDC
- Individually controllable
- Inputs: NPN

Wiring Diagram



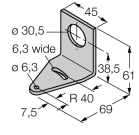
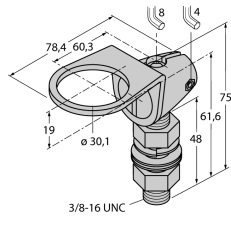
Functional principle

The LED display is suitable for industrial use thanks to its rugged design in protection class IP67. The LED display is on during the input signal period.

Only a color at any time lights up. Higher color numbers override lower. COL 3 overrides for example COL 1 and 2.

If the function input is connected to the supply voltage, the function switches from steady on to flashing.

Accessories

Type code	Ident no.		Dimension drawing
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	