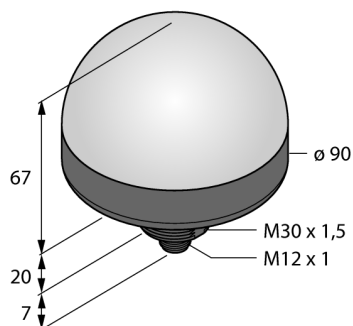


LED Signal Light Beacon K90TLBGYRNQ



Type	K90TLBGYRNQ
ID	3092874

Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	Blue Green Yellow Red
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Blue, Permanently on, 55 lm
Features of color 2	Green, 150 lm
Features of color 3	Yellow, 35 lm
Features of color 4	Red, 65 lm

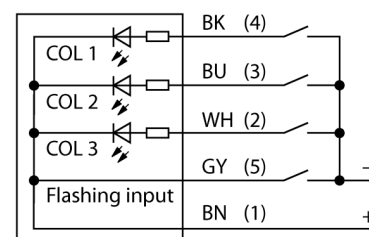
Electrical data	
Operating voltage U_s	12...30 VDC
Max. current consumption per color	475 mA
Input power	5.7 W
Input type	minus-schaltend
Response time typical	< 150 ms

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
- Colors: Blue (COL 1), Green (COL 2), Yellow (COL 3), Red (COL 4)
- Alternates between colors when multiple inputs are active
- 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. The simultaneous control of several colors provides for a cyclic change of colors.

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	