

K90LBGYRNQ

LED Indicator – Beacon



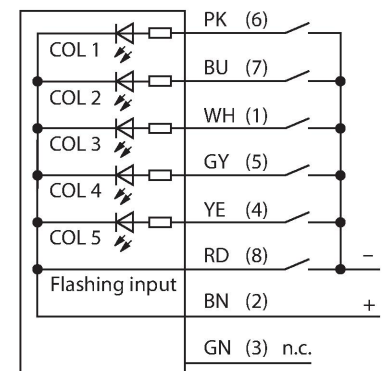
Technical data

Type	K90LBGYRNQ
ID	3092862
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	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 × 1, PVC

Features

- All-round LED display
- Protection class IP67
- Mechanical screw-in thread M30 x 1.5
- M12 x 1 male, 8-pin
- Polychrome: Blue (COL 1) / Green (COL 2) / Yellow (COL 3) / Red (COL 4)
- 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.

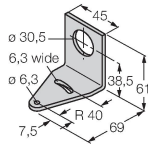
Technical data

Number of cores	8
Ambient temperature	-40...+50 °C
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

Accessories

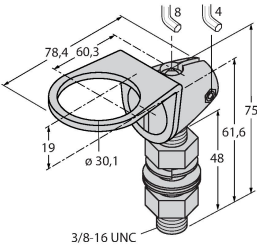
SMB30A	3032723
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Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread



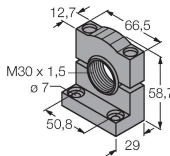
SMB30FA	3074005
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Montagewinkel; Werkstoff VA 1.4401



SMB30SC	3052521
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Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable



Accessories

Dimension drawing	Type	ID	
	RKC8T-2/TEL	6625130	Connection cable, M12 female connector, straight, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
	WKC8T-2/TEL	6625133	Connection cable, M12 female connector, angled, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval