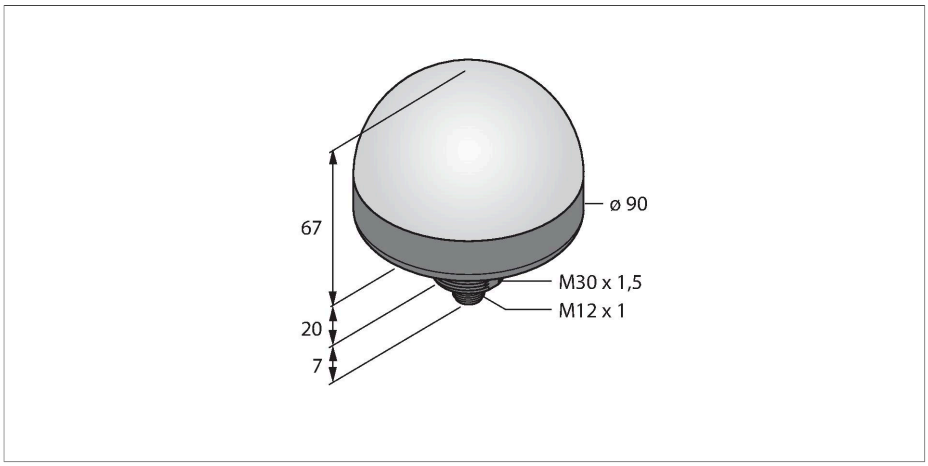
K90LBPQ
LED Indicator – Beacon





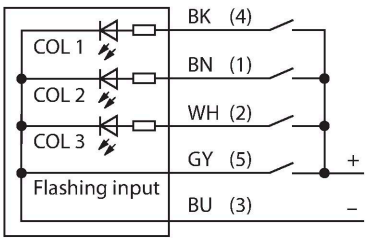
Technical data

Type	K90LBPQ
ID	3092809
Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	Blue
Wavelength	470 nm
Luminous flux lumen	55 lm
LED service life (L70)	50000 h
Dimmable	no
Features of color 1	Blue, Permanently on, 55 lm
Electrical data	
Operating voltage	12…30 VDC
Max. current consumption per color	475 mA
Input power	5.7 W
Input type	PNP
Response time typical	< 75 ms
Mechanical data	
Cascadable	No
Design	Dome, K90L
Dimensions	Ø 90 x 87 x 87 mm
Housing material	Plastic, PC
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	5
Ambient temperature	-40…+50 °C

Features

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

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.

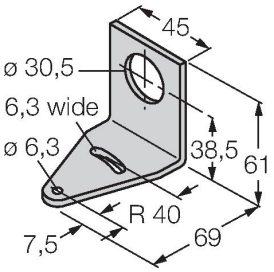
K90LBPQ | 19-01-2022 06-35 | Technical modifications reserved

Technical data

Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

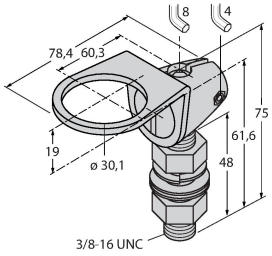
Accessories

SMB30A	3032723



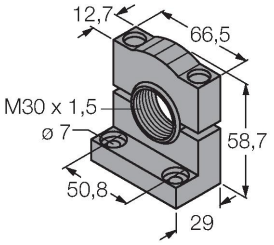
Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread

SMB30FA	3074005



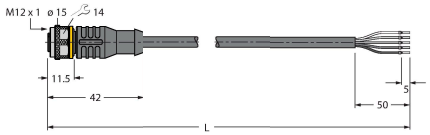
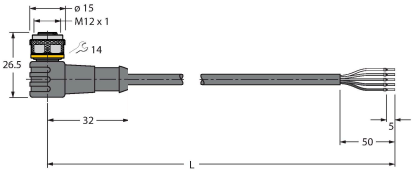
Montagewinkel; Werkstoff VA 1.4401

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, female M12, straight, 5-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com
	WKC4.5T-2/TEL	6625028	Connection cable, female M12, angled, 5-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com

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