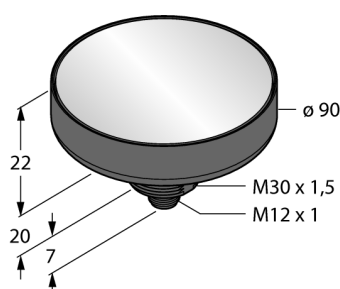


LED Signal Light Flat Beacon K90TFDLWBGYRPQ



Type	K90TFDLWBGYRPQ
ID	3096193

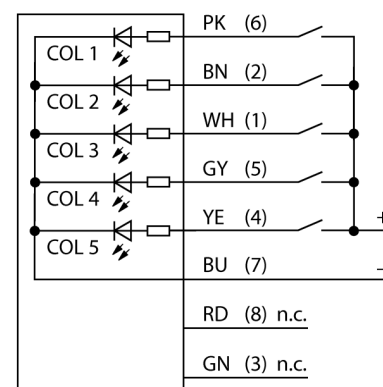
Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	White Blue Green Yellow Red
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	White, Permanently on, 235 lm
Features of color 2	Blue, 55 lm
Features of color 3	Green, 175 lm
Features of color 4	Yellow, 43 lm
Features of color 5	Red, 83 lm

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

Mechanical data	
Cascadable	No
Design	Puck, K90FDL
Dimensions	Ø 90 x 42 mm
Housing material	Plastic, PC
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1, PVC
Number of cores	8
Ambient temperature	-40...+50 °C
Protection class	IP67

- Daylight bright LED indication
- Protection class IP67
- Mechanical screw-in thread M30 x 1.5
- M12 x 1 male, 8-pin
- Colors: White (COL 1), Blue (COL 2), Green (COL 3), Yellow (COL 4), Red (COL 5)
- Alternates between colors when multiple inputs are active
- 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 one color is lit up at any time. The simultaneous control of several colors provides for a cyclical change of colors.

Tests/approvals

Approvals

CE