

K90LWBGYRNQ

LED Indicator – Beacon



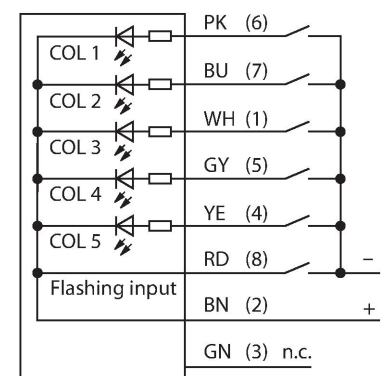
Technical data

Type	K90LWBGYRNQ
ID	3092863
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, 200 lm
Features of color 2	Blue, 55 lm
Features of color 3	Green, 150 lm
Features of color 4	Yellow, 35 lm
Features of color 5	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

Features

- All-round LED display
- Protection class IP67
- Mechanical screw-in thread M30 x 1.5
- M12 x 1 male, 8-pin
- Polychrome: White (COL 1) / Blue (COL 2) / Green (COL 3) / Yellow (COL 4) / Red (COL 5)
- 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.

