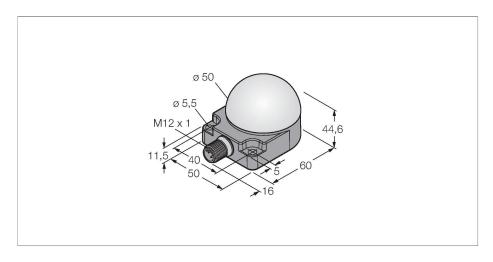


K50FLGXXPQ LED Signal Light – Beacon



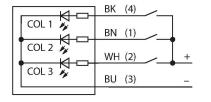
Technical data

Signal and display data Purpose LED indicator light Function Spotlight Light type Green Dimmable No Features of color 1 Special features Wash down Electrical data Operating voltage U₀ DC rated operating current I₀ Max. current consumption per color Input type Response time typical Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Polycarbonate, diffuse Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 IP69	Туре	K50FLGXXPQ
Purpose LED indicator light Function Spotlight Light type Green Dimmable No Features of color 1 Green, Permanently on Special features Wash down Electrical data Operating voltage U _B 1830 VDC DC rated operating current I _C ≤ 75 mA Max. current consumption per color 40 mA Input type PNP Response time typical <1 ms Mechanical data Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class	ID	3083408
Function Light type Green Dimmable No Features of color 1 Green, Permanently on Special features Wash down Electrical data Operating voltage U _B DC rated operating current I _B Max. current consumption per color Input type PNP Response time typical Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class	Signal and display data	
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Dimmable No Features of color 1 Special features Wash down Electrical data Operating voltage U _s DC rated operating current I _s Max. current consumption per color Input type PNP Response time typical Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Function	Spotlight
Features of color 1 Green, Permanently on Special features Wash down Electrical data Operating voltage U _B 1830 VDC DC rated operating current I _B ≤ 75 mA Max. current consumption per color 40 mA Input type PNP Response time typical <1 ms Mechanical data Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Light type	Green
Special features Electrical data Operating voltage U _B DC rated operating current I _B Max. current consumption per color Input type Response time typical Cascadable Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class	Dimmable	No
Electrical data Operating voltage U ₈ DC rated operating current I ₈ Max. current consumption per color Input type Response time typical Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class	Features of color 1	Green, Permanently on
Operating voltage U _B 1830 VDC DC rated operating current I _B ≤ 75 mA Max. current consumption per color 40 mA Input type PNP Response time typical < 1 ms	Special features	Wash down
DC rated operating current I₀ ≤ 75 mA Max. current consumption per color 40 mA Input type PNP Response time typical <1 ms Mechanical data Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Electrical data	
Max. current consumption per color Input type PNP Response time typical Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class	Operating voltage U _B	1830 VDC
Input type PNP Response time typical < 1 ms Mechanical data Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	DC rated operating current I _e	≤ 75 mA
Response time typical <1 ms Mechanical data Cascadable No Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Max. current consumption per color	40 mA
Mechanical data Cascadable Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class	Input type	PNP
Cascadable Design Dome, K50F Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class	Response time typical	< 1 ms
DesignDome, K50FDimensions $50 \times 76 \times 44.6 \text{ mm}$ Housing materialPlastic, PC, BlackWindow materialPolycarbonate, diffuseElectrical connectionConnector, M12 × 1, PVCNumber of cores4Ambient temperature $-40+50 ^{\circ}\text{C}$ Relative humidity 095% Protection classIP67	Mechanical data	
Dimensions 50 x 76 x 44.6 mm Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Cascadable	No
Housing material Plastic, PC, Black Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class	Design	Dome, K50F
Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Dimensions	50 x 76 x 44.6 mm
Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Housing material	Plastic, PC, Black
Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Window material	Polycarbonate, diffuse
Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Electrical connection	Connector, M12 × 1, PVC
Relative humidity 095 % Protection class IP67	Number of cores	4
Protection class IP67	Ambient temperature	-40+50 °C
	Relative humidity	095 %
	Protection class	

Features

- ■LED all-round visible
- ■Flat mounting
- Individually controllable
- Protection classes IP67/IP69K
- Monochrome: Green (COL 1)
- ■M12 × 1 male, 5-pin
- Operating voltage 18...30 VDC

Wiring diagram



Functional principle

The LED display is suitable for industrial use thanks to its rugged design in protection class IP67. Depending on the pin assignment, one of the three colors lights either steady or flashes during the period of one PNP input signal. The "2" in the type code indicates the flashing function of the LED. For example: when connecting the brown and the black wire to 24 VDC, the LED starts flashing red. You find a more detailed description of the terminal programming in the instruction leaflet delivered with the item. Alternate flashing of all colors is also possible.

The wiring diagram shows the PNP input configuration. An instruction leaflet with detailed information about the connection is included with the devices.



Technical data

Tests/approvals	
Approvals	CE

Accessories

SMB30A 3032723

Mounting bracket, rectangular, stainless steel, for sensors with 30mm SMB30SC

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



Accessories

Dimension drawing Туре ID RKC4.4T-2/TEL 6625013 Connection cable, M12 female connector, straight, 4-pin, cable length:



6625025

Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval

2 m, jacket material: PVC, black; cULus

approval