

K50LGRB2PQ

LED Signal Light – Beacon



Technical data

Type	K50LGRB2PQ
ID	3077311
Signal and display data	
Purpose	LED indicator light
Function	Limit switch
Light type	Green Red Blue
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Green, Miscellaneous
Features of color 2	Red
Features of color 3	Blue
Special features	Wash down
Electrical data	
Max. current consumption per color	50 mA
Output function	NO contact, Potential-free
Input type	PNP
Response time typical	< 250 ms
Mechanical data	
Cascadable	No
Design	Dome, K50L
Dimensions	Ø 50 x 69 x 69 mm
Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 x 1, PVC
Number of cores	5

Features

- All-round LED display
- Individually controllable
- Mechanical screw-in thread M30 x 1.5
- Protection classes IP67/IP69K
- Multicolor: Green (COL 1) / Red (COL 2) / Blue (COL 3)
- Male M12x1
- Operating voltage 18...30 VDC
- Flashing or alternating
- Flashing function adjustable via terminal programming

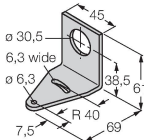
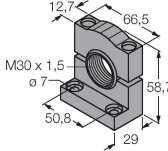
Wiring diagram



Technical data

Ambient temperature	-40...+50 °C
Relative humidity	0...90 %
Protection class	IP67 IP69
Tests/approvals	
MTTF	249 years acc. to SN 29500 (Ed. 99) 40 °C
Approvals	CE, UL listed

Accessories

SMB30A	3032723	SMB30SC	3052521
 Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread		 Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable	