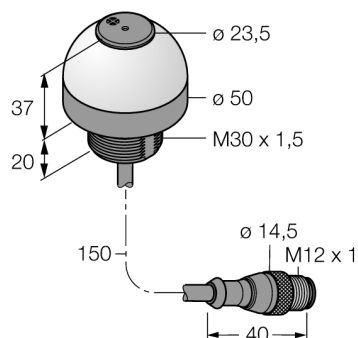


LED Signal Light Beacon with Audible Signal K50LGRA1YPQP-83255



Type	K50LGRA1YPQP-83255
ID	3083255

Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	Green Red Yellow
Dimmable	No
Features of color 1	Green, Permanently on
Features of color 2	Red
Features of color 3	Yellow
Features of color 4	Yellow
Acoustic signal	Continuous tone, 75dB

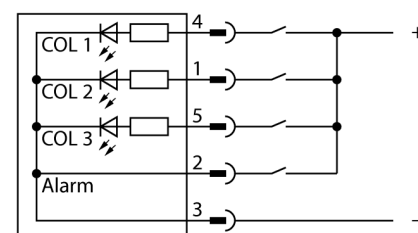
Electrical data	
Operating voltage U_s	18...30 VDC
DC rated operating current I_s	≤ 40 mA
Max. current consumption per color	40 mA
Max. current consumption of beeper	40 mA
Input type	PNP
Response time typical	< 10 ms

Mechanical data	
Cascadable	No
Design	Dome, K50L
Dimensions	$\varnothing 50 \times 57$ mm
Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Cable with connector, M12 $\times$ 1, 0.15 m, PVC
Number of cores	5
Ambient temperature	-20...+50 °C
Relative humidity	0...90%
Protection class	IP50

Tests/approvals	
Approvals	CE, UL listed

- LED all-round visible
- Continuous signal: 75dB
- Individually controllable
- Mechanical screw-in thread M30x1.5
- Protection class IP50
- Multicolor: Green (COL 1) / Red (COL 2) / Yellow (COL 3)
- Cable with male end M12 x 1, 5-pin
- Operating voltage 18...30 VDC

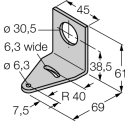
Wiring Diagram



Functional principle

The rugged and IP50 rated LED is qualified for industrial environments. Depending on the connection, one of the three colors lights steady for the duration of a PNP input signal.

Accessories

Type code	Ident no.		Dimension drawing
SMB30A	3032723	Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread	
SMB30SC	3052521	Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable	