

K100PBLGYRQP
LED Signal Light



Technical data

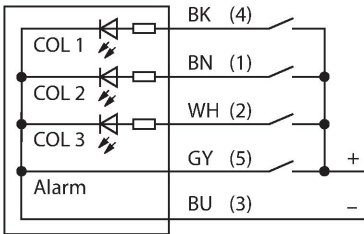
Type	K100PBLGYRQP
ID	3813074
Signal and display data	
Purpose	LED indicator light
Light type	Green Yellow Red
Aperture angle degree	360 °
LED service life (L70)	42000 h
Dimmable	Programmable
Features of color 1	Green, 360 lm
Features of color 2	Yellow, 525 lm
Features of color 3	Red, 155 lm
Electrical data	
Operating voltage U_B	12...48 VDC
DC rated operating current I_o	≤ 425 mA
Input power	12.48 W
Response time typical	< 200 ms
Mechanical data	
Cascadable	No
Design	Dome
Dimensions	Ø 118.5 x 160.3 mm
Housing material	Plastic, PC
Electrical connection	Cable with connector, M12 × 1, 0.15 m, PVC
with motion switch	no
Ambient temperature	-40...+60 °C
Storage temperature	-40...+70 °C



Features

- All-round LED display
- Mechanical screw-in thread M36 × 2.0
- Protection class IP66
- Colors: Green (COL 1)/Yellow (COL 2)/Red (COL 3)
- 150-mm cable with M12 × 1 male connector, 5-pin

Wiring diagram



Functional principle

These indicator lights have color LEDs, depending on their type designation. Four input signals can be used to control up to three light colors and to activate the optional beeper. With the Pro Editor software, these lights can be assigned user-defined animations in the advanced settings and the functionality of the beeper can be adjusted. The major advantage of these LEDs is the color fidelity and luminance. The wiring diagram shows a PNP pin assignment.

Technical data

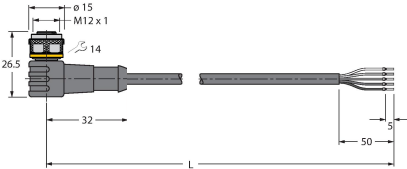
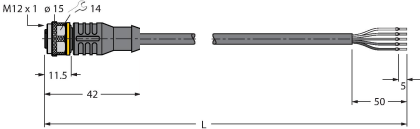
Relative humidity	90 %
Protection class	IP66
Tests/approvals	
Approvals	CE, UL listed

	R	Y	G	T	B	M	W
COL1	×	×				×	×
COL2		×	×	×			×
COL3				×	×	×	×

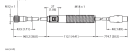
Accessories

LMB36RA	3813539	SA-M36E12	3813537
SA-M36SOP	3813538		

Accessories

Dimension drawing	Type	ID	
	WKC4.5T-2/TEL	6625028	Connection cable, M12 female connector, angled, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
	RKC4.5T-2/TEL	6625016	Connection cable, M12 female connector, straight, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval

Accessories

Dimension drawing	Type	ID	
	MQDC-506-USB	3803770	USB serial converter, for parameterizing PRO indicator lights or sensors via PC, female connector, M12 x 1, 5-pin to plug, USB type A, length 0.7 m, can be extended to a maximum of 30 m, supplies the connected device with 20 V, supports Windows 7 (driver required) and Windows 10