

LED Signal Light Beacon K50LNGYXP



Type	K50LNGYXP
ID	3087291

Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	Green Yellow
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Green, Permanently on
Features of color 2	Yellow
Special features	Wash down

Electrical data	
Operating voltage U_o	10...30 VDC
DC rated operating current I_o	≤ 40 mA
Max. current consumption per color	25 mA
Input type	PNP
Response time typical	< 1 ms

Mechanical data	
Cascadable	No
Design	Dome, K50L
Dimensions	$\varnothing 50 \times 58$ mm
Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Cable, 2 m, PVC
Number of cores	4
Ambient temperature	$-40 \dots +50$ °C
Relative humidity	0...95%
Protection class	IP67 IP69

Tests/approvals	
MTTF	249 years acc. to SN 29500 (Ed. 99) 40 °C
Approvals	CE, IECEx
Approvals	ATEX II 3 GD

- All-round LED display
- ATEX category II 3 G, Ex zone 2
- ATEX category II 3 D, Ex zone 22
- Individually controllable
- Mechanical screw-in thread M30 x 1.5
- Protection classes IP67 / IP69K
- Multicolor: Green (COL 1) / Yellow (COL 2)
- Cable, 2 m
- Operating voltage 10...30 VDC
- It is envisaged to control always only one color with the appropriate equipment
- ATEX II 3 G approval
- Gases and vapors, Group IIC, Zone 2
- ATEX II 3 D approval
- Dust, Group IIIC, Zone 22
- When used in hazardous areas, the special conditions of the approval must be observed

Wiring Diagram

