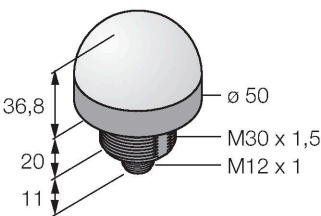


K50LIGRYPQ
LED Signal Light – Beacon



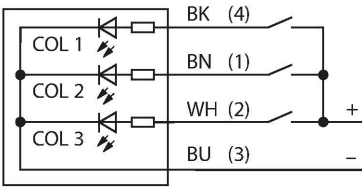
Technical data

Type	K50LIGRYPQ
ID	3028663
Signal and display data	
Purpose	LED indicator light
Function	Spotlight
Light type	Green Red Yellow
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Green, Permanently on
Features of color 2	Red
Features of color 3	Yellow
Special features	Wash down
Electrical data	
Operating voltage U_B	18...30 VDC
DC rated operating current I_o	≤ 40 mA
Input type	PNP
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Dome, K50L
Dimensions	$\varnothing 50 \times 69$ mm
Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 $\times$ 1, PVC
Number of cores	4

Features

- LED all-round visible
- ATEX category II 1 G, Ex-zone 0
- ATEX category II 1 D, Ex-zone 20
- Individually controllable
- Mechanical screw-in thread M30 x 1.5
- Protection classes IP67/IP69K
- Multicolor: Green (COL 1) / Red (COL 2) / Yellow (COL 3)
- Male M12 x 1
- It is envisaged to control always only one color with the appropriate equipment
- ATEX II 1 G approval
- Gases and vapors IIC group, Zone 0
- ATEX II 1 D approval
- Dusts IIIC group, Zone 20
- When used in hazardous areas, the special conditions of the approval must be observed

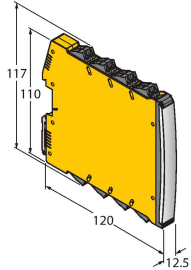
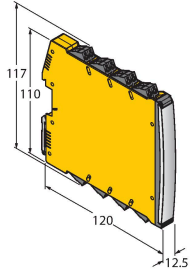
Wiring diagram



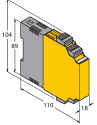
Technical data

Ambient temperature	-40...+40 °C
Relative humidity	0...90 %
Protection class	IP67 IP69
Tests/approvals	
MTTF	249 years acc. to SN 29500 (Ed. 99) 40 °C
Approvals	CE, IECEx
Approvals	ATEX II 1 GD

Accessories

IMX12-DO01-1U-1U-0/24VDC	7580101	IMX12-DO01-2U-2U-0/24VDC	7580105
	Solenoid driver; 1-channel; SIL 2 acc. to IEC 61508; Ex-proof version; monitoring of wire-break and short-circuit; removable screw terminals; 12.5 mm wide; 24 VDC power supply		Solenoid driver; 2-channel; SIL 2 acc. to IEC 61508; Ex-proof version; monitoring of wire-break and short-circuit; removable screw terminals; 12.5 mm wide; 24 VDC power supply

Accessories

Dimension drawing	Type	ID	
	IM72-11EX/L	7520703	Screw terminals