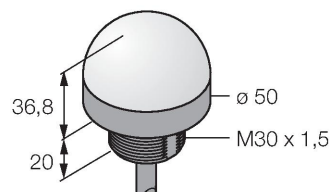


# K50LMGXXP

## LED Signal Light – Beacon



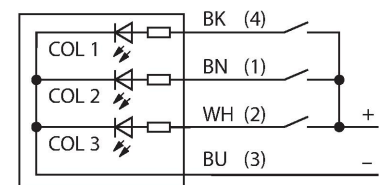
### Technical data

|                                    |                        |
|------------------------------------|------------------------|
| Type                               | K50LMGXXP              |
| ID                                 | 3087323                |
| Signal and display data            |                        |
| Purpose                            | LED indicator light    |
| Function                           | Spotlight              |
| Light type                         | Green                  |
| LED service life (L70)             | 50000 h                |
| Dimmable                           | No                     |
| Features of color 1                | Green, Permanently on  |
| Special features                   | Wash down              |
| Electrical data                    |                        |
| Operating voltage $U_B$            | 10...30 VDC            |
| DC rated operating current $I_a$   | ≤ 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                         | Ø 50 x 58 mm           |
| Housing material                   | Plastic, PC, Black     |
| Window material                    | Polycarbonate, diffuse |
| Electrical connection              | Cable, 2 m, PVC        |
| Number of cores                    | 4                      |
| Ambient temperature                | -40...+50 °C           |
| Relative humidity                  | 0...95 %               |
| Protection class                   | IP67                   |

### Features

- LED all-round visible
- ATEX category II 2 G, Ex-zone 1
- ATEX category II 1 D, Ex-zone 20
- Individually controllable
- Mechanical screw-in thread M30 x 1.5
- Protection classes IP67/IP69K
- Monochrome: Green (COL 1)
- Cable, 2 m
- Operating voltage 10...30 VDC
- It is envisaged to control always only one color with the appropriate equipment
- ATEX II 2 G approval
- Gases and vapors, Group IIC, Zone 1
- ATEX II 1 D approval
- Dust, Group IIIC, Zone 20
- When used in hazardous areas, the special conditions of the approval must be observed

### Wiring diagram

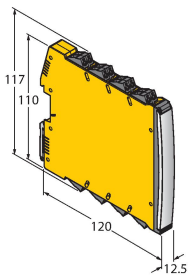


Technical data

|                 |                                           |
|-----------------|-------------------------------------------|
|                 | IP69                                      |
| Tests/approvals |                                           |
| MTTF            | 249 years acc. to SN 29500 (Ed. 99) 40 °C |
| Approvals       | CE, IECEx                                 |
| Approvals       | ATEX II 2 G<br>ATEX II 1 D                |

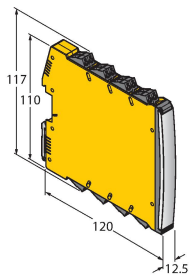
Accessories

IMX12-DO01-1U-1U-0/24VDC 7580101



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

IMX12-DO01-2U-2U-0/24VDC 7580105



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