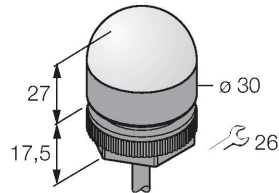


# K30LNGYXP

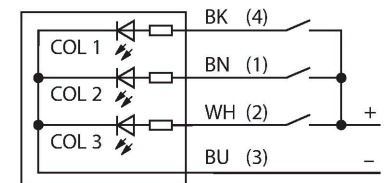
## LED Indicator – Beacon



### Features

- 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 M22.5 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



### Technical data

|                                    |                        |
|------------------------------------|------------------------|
| Type                               | K30LNGYXP              |
| ID                                 | 3087315                |
| <b>Signal and display data</b>     |                        |
| Purpose                            | LED indicator light    |
| Function                           | Spotlight              |
| Light type                         | Green<br>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              |
| <b>Electrical data</b>             |                        |
| Operating voltage                  | 10...30 VDC            |
| DC rated operational current       | ≤ 40 mA                |
| Max. current consumption per color | 25 mA                  |
| Input type                         | PNP                    |
| Response time typical              | < 1 ms                 |
| <b>Mechanical data</b>             |                        |
| Cascadable                         | No                     |
| Design                             | Dome, K50L             |
| Dimensions                         | Ø 30 x 44.5 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           |

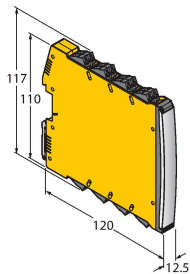
## Technical data

|                        |   |
|------------------------|---|
| Relative humidity      | 0...95 %                                  |
| Protection class       | IP67<br>IP69                              |
| <b>Tests/approvals</b> |   |
| MTTF                   | 249 years acc. to SN 29500 (Ed. 99) 40 °C |
| Approvals              | CE, IECEx                                 |
| Approvals              | ATEX II 3 GD                              |

## Accessories

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

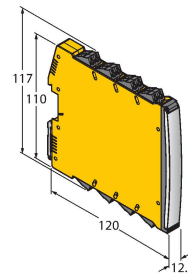
7580101



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