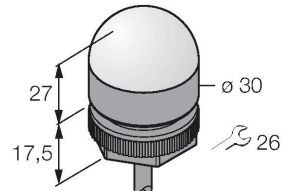


# K30LNYXXP

## LED Indicator – Beacon



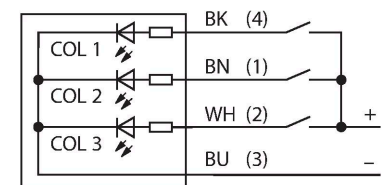
### Technical data

|                                    |                        |
|------------------------------------|------------------------|
| Type                               | K30LNYXXP              |
| ID                                 | 3087301                |
| <b>Signal and display data</b>     |                        |
| Purpose                            | LED indicator light    |
| Function                           | Spotlight              |
| Light type                         | Yellow                 |
| LED service life (L70)             | 50000 h                |
| Dimmable                           | No                     |
| Features of color 1                | Yellow, Permanently on |
| 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           |
| Relative humidity                  | 0...95 %               |
| Protection class                   | IP67                   |

### 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
- Monochrome: Yellow (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 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

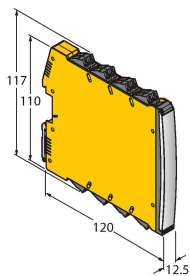
|                 |                                           |
|-----------------|-------------------------------------------|
|                 | IP69                                      |
| Tests/approvals |                                           |
| MTTF            | 249 years acc. to SN 29500 (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

