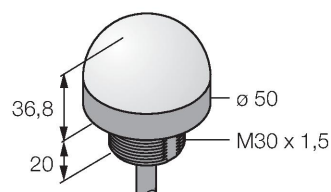


# K50LIGXXP

## LED Indicator – Beacon



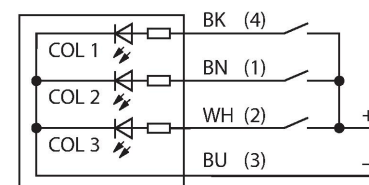
### Technical data

|                              |                        |
|------------------------------|------------------------|
| Type                         | K50LIGXXP              |
| ID                           | 3028633                |
| 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            | 18...30 VDC            |
| DC rated operational current | ≤ 40 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...90 %               |
| Protection class             | IP67<br>IP69           |

### 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
- Monochrome: Green (COL 1)
- Cable, 2 m
- 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

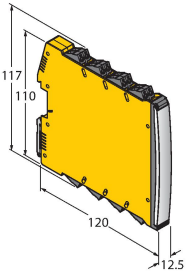
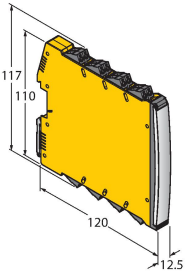
### Wiring diagram



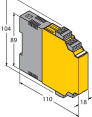
Technical data

| 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 |