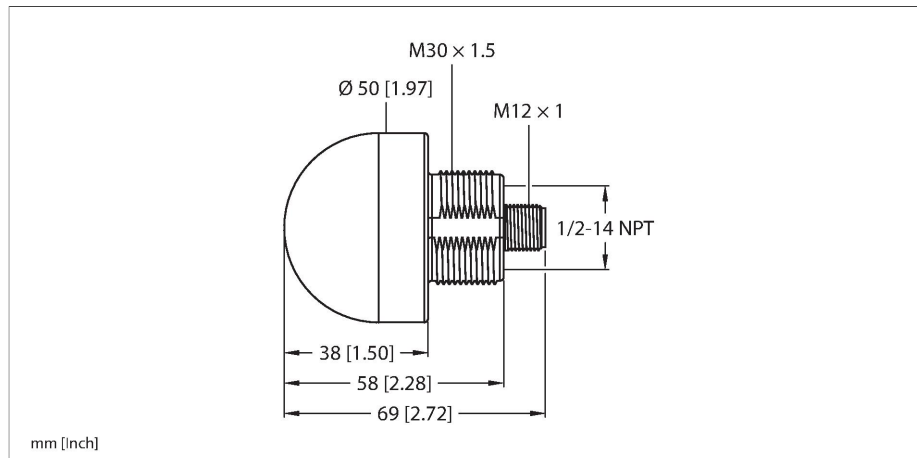


# K50LGBY6PQ

## LED Indicator – Beacon



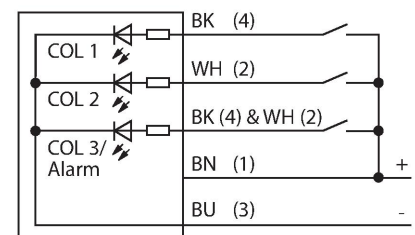
### Technical data

|                                    |                                    |
|------------------------------------|------------------------------------|
| Type                               | K50LGBY6PQ                         |
| ID                                 | 3079967                            |
| Signal and display data            |                                    |
| Purpose                            | LED indicator light                |
| Function                           | Spotlight                          |
| Light type                         | Green<br>Blue<br>Yellow            |
| LED service life (L70)             | 50000 h                            |
| Dimmable                           | No                                 |
| Features of color 1                | Green, Permanently on, 59 lm       |
| Features of color 2                | Blue, 15 lm                        |
| Features of color 3                | Yellow, 56 lm                      |
| Special features                   | I/O module-compatible<br>Wash down |
| Electrical data                    |                                    |
| Operating voltage                  | 18...30 VDC                        |
| DC rated operational current       | ≤ 40 mA                            |
| Max. current consumption per color | 50 mA                              |
| Output function                    | NO contact, Potential-free         |
| Input type                         | PNP                                |
| Response time typical              | < 250 ms                           |
| Mechanical data                    |                                    |
| Cascadable                         | No                                 |
| Design                             | Dome, K50L                         |
| Dimensions                         | Ø 50 x 69 mm                       |
| Housing material                   | Plastic, PC, Black                 |
| Window material                    | Polycarbonate, diffuse             |

### Features

- All-round LED display
- Individually controllable
- Mechanical screw-in thread M30 x 1.5
- Protection classes IP67/IP69K
- Multicolor: Green (COL 1) / Blue (COL 2) / Yellow (COL 1+2) / COL 3 not assigned
- IO compatible
- Male M12x1
- Operating voltage 18...30 VDC

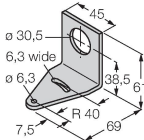
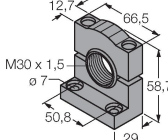
### Wiring diagram



Technical data

|                       |                                           |
|-----------------------|-------------------------------------------|
| Electrical connection | Connector, M12 × 1, PVC                   |
| Number of cores       | 5                                         |
| Ambient temperature   | -20...+50 °C                              |
| Relative humidity     | 0...95 %                                  |
| Protection class      | IP67<br>IP69                              |
| Tests/approvals       |                                           |
| MTTF                  | 249 years acc. to SN 29500 (Ed. 99) 40 °C |
| Approvals             | CE, UL listed                             |

Accessories

|                                                                                    |         |                                                                                     |         |
|------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|---------|
| SMB30A                                                                             | 3032723 | SMB30SC                                                                             | 3052521 |
| Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread       |         | Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable               |         |
|  |         |  |         |

Accessories

| Dimension drawing                                                                   | Type          | ID      |                                                                                                                         |
|-------------------------------------------------------------------------------------|---------------|---------|-------------------------------------------------------------------------------------------------------------------------|
|  | RKC4.4T-2/TEL | 6625013 | Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval |
|                                                                                     | WKC4.4T-2/TEL | 6625025 | Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval   |