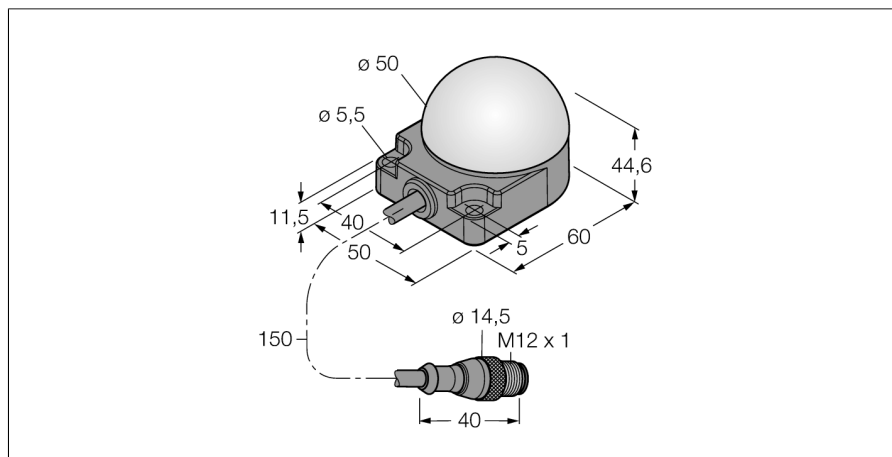
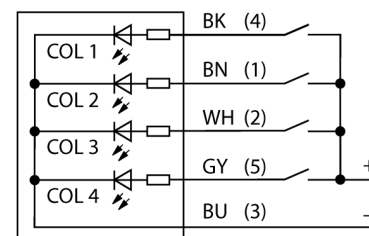


# LED Signal Light Beacon K50FLGRYB4PQP



- LED all-round visible
- Flat mounting
- Individually controllable
- Protection classes IP67/IP69K
- Multicolor: Green (COL 1) / Red (COL 2) / Yellow (COL 3) / Blue (COL 4)
- Cable with male end M12 x 1, 5-pin
- Operating voltage 18...30 VDC

## Wiring Diagram



## Functional principle

The LED display is suitable for industrial use thanks to its rugged design in protection class IP67. Depending on the pin assignment, one of the three colors lights either steady or flashes during the period of one PNP input signal. The "2" in the type code indicates the flashing function of the LED. For example: when connecting the brown and the black wire to 24 VDC, the LED starts flashing red. You find a more detailed description of the terminal programming in the instruction leaflet delivered with the item. Alternate flashing of all colors is also possible.

The wiring diagram shows the PNP input configuration. An instruction leaflet with detailed information about the connection is included with the devices.

|      |               |
|------|---------------|
| Type | K50FLGRYB4PQP |
| ID   | 3083448       |

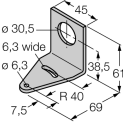
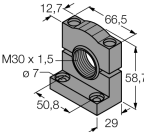
|                         |                                |
|-------------------------|--------------------------------|
| Signal and display data |                                |
| Purpose                 | LED indicator light            |
| Function                | Spotlight                      |
| Light type              | Green<br>Red<br>Yellow<br>Blue |
| Dimmable                | No                             |
| Features of color 1     | Green, Miscellaneous           |
| Features of color 2     | Red                            |
| Features of color 3     | Yellow                         |
| Features of color 4     | Blue                           |
| Special features        | Wash down                      |

|                                    |             |
|------------------------------------|-------------|
| Electrical data                    |             |
| Operating voltage $U_s$            | 18...30 VDC |
| DC rated operating current $I_s$   | ≤ 50 mA     |
| Max. current consumption per color | 50 mA       |
| Input type                         | PNP         |
| Response time typical              | < 250 ms    |

|                       |                                            |
|-----------------------|--------------------------------------------|
| Mechanical data       |                                            |
| Cascadable            | No                                         |
| Design                | Dome, K50F                                 |
| Housing material      | Plastic, PC, Black                         |
| Window material       | Polycarbonate, diffuse                     |
| Electrical connection | Cable with connector, M12 × 1, 0.15 m, PVC |
| Number of cores       | 5                                          |
| Ambient temperature   | -40...+50 °C                               |
| Relative humidity     | 0...95%                                    |
| Protection class      | IP67<br>IP69                               |

|                 |    |
|-----------------|----|
| Tests/approvals |    |
| Approvals       | CE |

Accessories

| Type code | Ident no. |                                                                              | Dimension drawing                                                                   |
|-----------|-----------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| SMB30A    | 3032723   | Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread |  |
| SMB30SC   | 3052521   | Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable        |  |