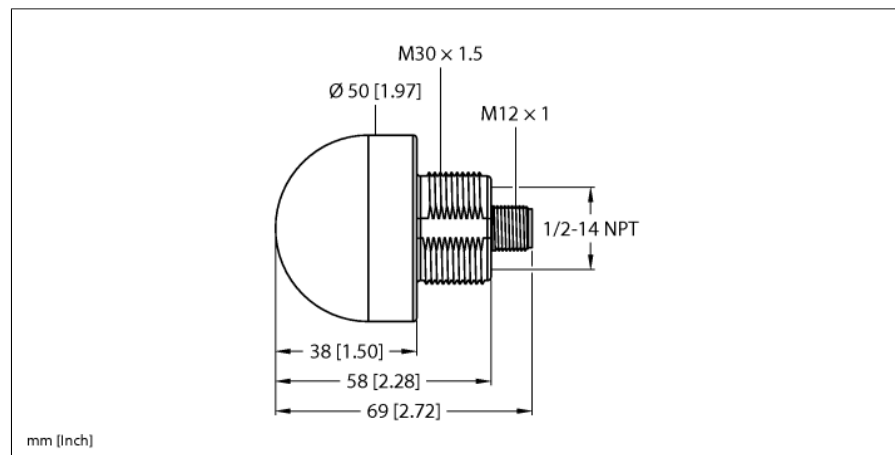


# LED Signal Light Beacon K50LBXYPQ



|      |           |
|------|-----------|
| Type | K50LBXYPQ |
| ID   | 3017722   |

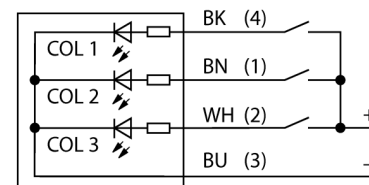
|                         |                      |
|-------------------------|----------------------|
| Signal and display data |                      |
| Purpose                 | LED indicator light  |
| Function                | Spotlight            |
| Light type              | Yellow               |
|                         | Blue                 |
| LED service life (L70)  | 50000 h              |
| Dimmable                | No                   |
| Features of color 1     | Blue, Permanently on |
| Features of color 2     | Yellow               |
| Features of color 3     | Yellow               |
| Special features        | Wash down            |

|                                    |                            |
|------------------------------------|----------------------------|
| Electrical data                    |                            |
| Operating voltage $U_s$            | 18...30 VDC                |
| DC rated operating current $I_s$   | ≤ 40 mA                    |
| Max. current consumption per color | 40 mA                      |
| Output function                    | NO contact, Potential-free |
| Input type                         | PNP                        |
| Response time typical              | < 1 ms                     |

|                       |                         |
|-----------------------|-------------------------|
| Mechanical data       |                         |
| Cascadable            | No                      |
| Design                | Dome, K50L              |
| Dimensions            | Ø 50 x 69 mm            |
| Housing material      | Plastic, PC, Black      |
| Window material       | Polycarbonate, diffuse  |
| Electrical connection | Connector, M12 x 1, PVC |
| Number of cores       | 4                       |
| Ambient temperature   | -40...+50 °C            |
| Relative humidity     | 0...90%                 |
| Protection class      | IP67                    |
|                       | IP69                    |

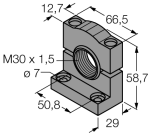
- All-round LED display
- Individually controllable
- Mechanical screw-in thread M30 x 1.5
- Protection classes IP67/IP69K
- Multicolor: Blue (COL 1) / Yellow (COL 3)
- Male M12x1
- Operating voltage 18...30 VDC

## Wiring Diagram



| Tests/approvals |                                           |
|-----------------|-------------------------------------------|
| MTTF            | 249 years acc. to SN 29500 (Ed. 99) 40 °C |
| Approvals       | CE, UL listed                             |

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        |  |