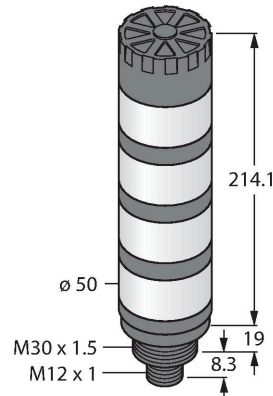


# TL50PS4AQ

## LED Signal Light – Tower Light



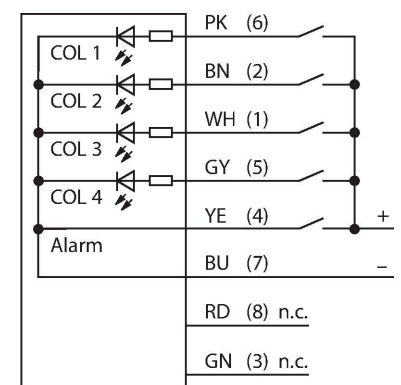
### Technical data

|                                  |                          |
|----------------------------------|--------------------------|
| Type                             | TL50PS4AQ                |
| ID                               | 3810615                  |
| <b>Signal and display data</b>   |                          |
| Purpose                          | LED indicator light      |
| Function                         | Tower light              |
| Light type                       | RGB                      |
| Dimmable                         | No                       |
| Acoustic signal                  | Key adjustable, 92 dB    |
| <b>Electrical data</b>           |                          |
| Operating voltage $U_B$          | 18...30 VDC              |
| DC rated operating current $I_o$ | ≤ 100 mA                 |
| Operating voltage $U_B$          | 21...27 VAC              |
| Input type                       | PNP                      |
| Response time typical            | < 10 ms                  |
| <b>Mechanical data</b>           |                          |
| Cascadable                       | No                       |
| Design                           | Cylinder, threaded, TL50 |
| Dimensions                       | Ø 50 x 257.2 mm          |
| Housing material                 | Plastic, ABS             |
| Window material                  | Plastic, diffuse         |
| Electrical connection            | Connector, M12 × 1       |
| Ambient temperature              | -20...+50 °C             |
| Protection class                 | IP50                     |
| <b>Tests/approvals</b>           |                          |
| Approvals                        | CE, UL listed            |

### Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP50
- M12 x 1 male
- Flexible display with RGB LEDs
- Control of user-defined or predefined light colors
- Flashing function, alternation, two-colored display and intensity check
- Operating voltage: 10...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper max. 92 dB

### Wiring diagram



### Functional principle

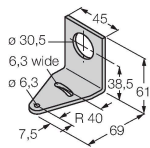
The TL50H tower lights, in the high-brightness version, provide highly visible status indicators and a clear user guidance within the entire system. They can be assembled from varicolored LEDs and are available with or without beeper. You can mount them directly on machines, in the cabinet or in monitoring locations of production lines.

The wiring diagram shows a PNP pin assignment.  
There are 5 colors available, blue (B), green (G), red (R), yellow (Y) and white (W), which specify the light sequence from bottom to top in the type code of the tower light.  
Example: TL50GYRQ, colors green, yellow and red arranged from bottom to top.

Accessories

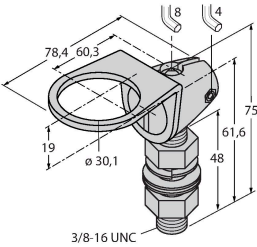
SMB30A 3032723

Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread



SMB30FA 3074005

Montagewinkel; Werkstoff VA 1.4401



SMB30SC 3052521

Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable

