

TL50BLWBGYRCQ

LED Indicator – Tower Light

Technical data

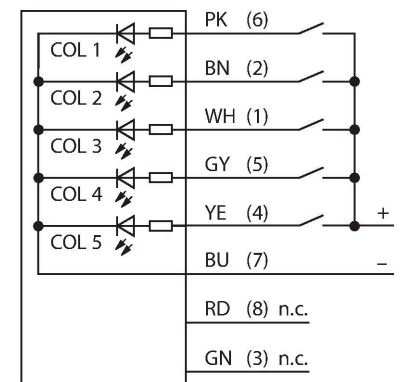
| | |
|------------------------------------|---|
| Type | TL50BLWBGYRCQ |
| ID | 3030403 |
| Signal and display data | |
| Purpose | LED indicator light |
| Function | Tower light |
| Light type | White Blue Green Yellow Red |
| Dimmable | No |
| Features of color 1 | White, Permanently on, 56 lm |
| Features of color 2 | Blue, Permanently on, 16 lm |
| Features of color 3 | Green, Permanently on, 52 lm |
| Features of color 4 | Yellow, Permanently on, 15 lm |
| Features of color 5 | Red, Permanently on, 24 lm |
| Electrical data | |
| Operating voltage | 12...30 VDC |
| DC rated operational current | ≤ 125 mA |
| Operating voltage | 21...27 VAC |
| AC rated operational current | ≤ 100 mA |
| Max. current consumption per color | 125 mA |
| Input type | Bipolar (PNP/NPN) |
| Response time typical | < 1 ms |
| Mechanical data | |
| Cascadable | No |
| Design | Smooth barrel, TL50BL |
| Dimensions | Ø 50 x 176.8 mm |
| Housing material | Plastic, ABS, Grey |
| Window material | Polycarbonate, clear |
| Electrical connection | Connector, M12 × 1, PVC |
| Number of cores | 8 |
| Ambient temperature | -40...+50 °C |
| Relative humidity | 0...95 % |
| Protection class | IP67 |
| Tests/approvals | |
| Approvals | CE, UL listed |



Features

- Plastic housing, gray
- Protection class IP67
- Protection against electromagnetic and high-frequency interference
- Multicolor: White (COL 1) / Blue (COL 2) / Green (COL 3) / Yellow (COL 4) / Red (COL 5)
- Operating voltage: 12...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

Wiring diagram



Functional principle

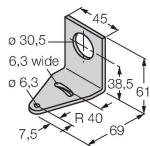
The rugged multifunction TL50 beacon is available in many variations and is easily mounted. Each signal tower can be assembled from a maximum of four varicolored LEDs, with or without a beeper. You can also choose from three different lighting functions (steady, rotating, flashing). The lighting function is indicated in the type code after the color (no number: steady; 1: rotating; 2: flashing). Clearly visible status displays for indoor and outdoor applications.

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

Accessories

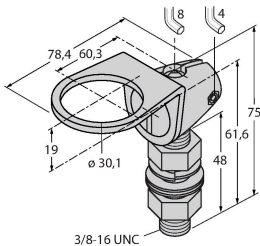
| | |
|--------|---------|
| SMB30A | 3032723 |
|--------|---------|

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



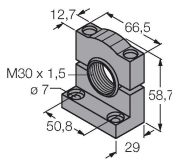
| | |
|---------|---------|
| SMB30FA | 3074005 |
|---------|---------|

Montagewinkel; Werkstoff VA 1.4401



| | |
|---------|---------|
| SMB30SC | 3052521 |
|---------|---------|

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



Accessories

| Dimension drawing | Type | ID | |
|-------------------|-------------|---------|---|
| | RKC8T-2/TEL | 6625130 | Connection cable, M12 female connector, straight, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval |
| | WKC8T-2/TEL | 6625133 | Connection cable, M12 female connector, angled, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval |