



213757
SBT-RGB-R50-5B-B5
Signal column

- Status display 360°
- Strong signal effect thanks to state-of-the art, high-efficiency LEDs
- Low energy consumption
- Can be used immediately thanks to three trigger inputs (eight predefined/user-defined color settings)
- Freely configurable functions via IO-Link (process data)
- Simple installation (M30 threading)
- Buzzer



Legende / Legend:

- >RT< = Rot langsam blinkend / flashing red slowly
- >>RT<< = Rot blitzend / rapidly flashing red
- >BUZ< = Buzzer intermittierend / Buzzer intermittent (1Hz)
- >>BUZ<< = Buzzer intermittierend / Buzzer intermittent (2,5Hz)

All Trigger Inputs have a delay ~50 ms.
Pre-sets can be defined via IO-Link.

| TRIG 1 | TRIG 2 | TRIG 3 | Pre-Set | Factory setting (Seg 1 / Seg 2 / Seg 3 / Seg 4 / BUZ) | | | | | | | | | |
|--------|--------|--------|---------|--|----|----|--------|---------|----|----|--------|----|---------|
| | | | | Var. 5S | | | | Var. 5B | | | | | |
| 0 | 0 | 0 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1 | 0 | 0 | 2 | -- | -- | -- | RT | -- | -- | -- | -- | RT | -- |
| 0 | 1 | 0 | 3 | -- | -- | GN | -- | -- | -- | GN | -- | -- | -- |
| 1 | 1 | 0 | 4 | -- | -- | YE | -- | -- | -- | YE | -- | -- | -- |
| 0 | 0 | 1 | 5 | -- | BU | -- | -- | -- | -- | BU | -- | -- | -- |
| 1 | 0 | 1 | 6 | WH | -- | -- | -- | -- | -- | WH | -- | -- | -- |
| 0 | 1 | 1 | 7 | -- | -- | -- | >RT< | -- | -- | -- | >RT< | -- | >BUZ< |
| 1 | 1 | 1 | 8 | -- | -- | -- | >>RT<< | -- | -- | -- | >>RT<< | -- | >>BUZ<< |

BK: black BU: blue GY: grey YE: yellow
 BN: brown GN: green WH: white

| Function | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | |

| Technical data (typ.) | +20°C, 24 V DC |
|---------------------------------|---|
| Service voltage | 18 ... 30 V DC (Supply Class 2) |
| Internal power consumption | 305 mA (24 V DC) |
| Power | 7.3 W (24 V) |
| Inverse polarity protection | Yes |
| Illuminated area | 50 x 37 mm (Ø x H / segment) |
| Number of segments | 5 |
| Housing material | Aluminum (natural, Anodized) |
| Material | Polycarbonate (Diffusor) |
| Weight | 390 g |
| Protection class | III |
| Approvals | UL |
| Model | Signal column |
| Operating modes | External trigger / segment mode / level mode / demo mode, LED operating modes: Static / Blinking / Flashing |
| Buzzer | With buzzer, 80 (dB(A) typ. @ 50 cm) |
| Color selection | Red, green, yellow, blue, white, orange, pink, user-defined |
| Light intensity can be adjusted | 10 to 100 %, via IO-Link |
| Trigger input high level | > 8.0 V |
| Trigger input low level | < 5.0 V |



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Trigger input

8 color presets: selectable via trigger 1 + 2 +3

Interface

- IO-Link (V1.1, COM2 38,4 kBd, 5000 µs)
- for parameterization (process data)

Color

RGB

Vibration load

10 ... 55 Hz / 0.35 mm

Ambient temperature during operation

0 ... +50 °C

Protection type

IP 20

Connection

Connector, M12, 5-pin

Connection cable

VK ... /5-SB

More information / accessories

<https://www.di-soric.com/213757>