



210522
SB-RGB-480-K-B5
Signal lighting

- High illuminance due to state-of-the-art, highly efficient LEDs
- Easy operation is also possible without IO-Link
- Freely configurable functions via IO-Link
- Long life thanks to intelligent thermal management
- Large light field for optimal display of the machine status
- Can be used immediately thanks to three color pre-sets: red - green - yellow
- High protection type IP 67
- Magnetic holder set available as an option
- Adjustable mounting angle optionally available
- Pluggable diffusion filter optionally available



1) Illuminated area

BK: black BU: blue
 BN: brown GY: grey

| Pre-Sets / Factory settings | | |
|-----------------------------|-----------|---------------|
| Trigger 1 | Trigger 2 | Farbe / Color |
| Lo | Lo | aus / off |
| Hi | Lo | rot / red |
| Lo | Hi | grün / green |
| Hi | Hi | gelb / yellow |

WH: white

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

| Technical data (typ.) | +20°C, 24 V DC |
|---------------------------------|---|
| Service voltage | 24 V DC (± 5%, Supply Class 2) |
| Internal power consumption | 385 mA / 750 mA RMS Peak (24 V DC) |
| Power | 9.2 W (24 V DC) |
| Inverse polarity protection | Yes |
| Illuminated area | 440 x 30 mm |
| Housing length | 480 mm |
| Housing height | 10 mm |
| Housing width | 40 mm |
| Housing material | Aluminum (Black, Anodized) |
| Material | PU, crystal clear (Window) |
| Weight | 390 g |
| Protection class | III, operation on protective low voltage |
| Risk group (DIN EN 62471) | Free group |
| Approvals | UL |
| Model | Signal lighting |
| Product series | SB-RGB |
| Number of segments (max) | 1 |
| Operation modes | constant, flashing, blinking |
| 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 |
| Trigger input | 3 color presets: selectable via trigger 1 + 2 |
| Interface | <ul style="list-style-type: none"> ■ IO-Link (V1.1, COM2 38.4 kBd, 2300 µs) ■ for parameterization (process data) |
| Light source | LED |
| Color | RGB (user-defined) |



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| | |
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| Technical data (typ.) | +20°C, 24 V DC |
| Deflection angle FWHM | 120° |
| Shock/vibration load | 30 g, 11 ms / 10 ... 55 Hz, 1.0 mm |
| Ambient temperature during operation | 0 ... +40 °C |
| Protection type | IP 67 |
| Connection | Pigtail, 0.3 m, M12, 5-pin |
| Connection cable | VK ... /5 |
| More information / accessories | https://www.di-soric.com/210522 |