



210521
SB-RGB-250-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	195 mA / 390 mA RMS Peak (24 V DC)
Power	4.7 W (24 V DC)
Inverse polarity protection	Yes
Illuminated area	220 x 30 mm
Housing length	250 mm
Housing height	10 mm
Housing width	40 mm
Housing material	Aluminum (Black, Anodized)
Material	PU, crystal clear (Window)
Weight	210 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
Light intensity can be adjusted	10 to 100 %
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	IO-Link (V1.1, COM2 38.4 kBd, 2300 µs)
Light source	LED
Color	RGB (user-defined)
Deflection angle FWHM	120°



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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/210521>