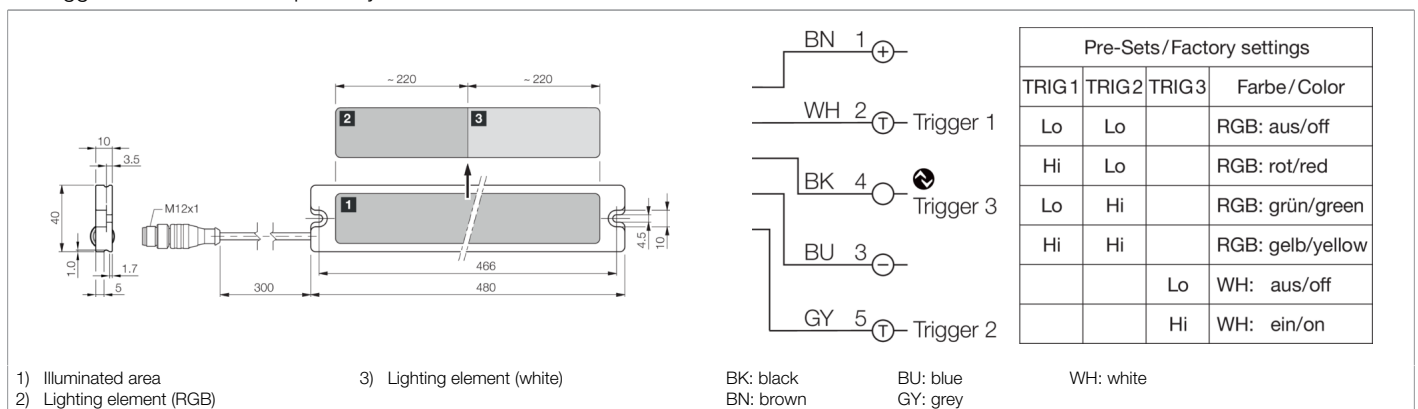



210934
MB-RGBW-481-K-B5
Machine lighting with signal lighting element

- High light intensity thanks to state-of-the art Power LEDs
- Easy operation is also possible without IO-Link
- Very good color reproduction guarantees safety at the work-place (color rendering index 85)
- Large light field for optimal display of the machine status
- Freely configurable functions via IO-Link
- Long life thanks to intelligent thermal management
- High-performance LEDs with very high light intensity ensure reliable and even illumination
- Can be used immediately thanks to three color pre-sets: red - green - yellow
- High protection type IP 67
- Pluggable diffusion filter optionally available



Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	24 V DC (± 5%, Supply Class 2)
Internal power consumption	650 mA (24 V DC)
Power	< 15.6 W (24 V DC)
Inverse polarity protection	Yes
Cascadable	Not cascadable

Mechanical features

Illuminated area	440 x 30 mm
Housing material	Aluminum (natural, Anodized)
Material	PU, crystal clear (Window)
Weight	390 g

Certifications, approvals

Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Approvals	UL

General features

Model	Machine lighting with signal lighting element
Product series	MB-RGBW


210934
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+20°C, 24 V DC
Functional scope

Operation modes	RGB: constant, blinking, flashing
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Light intensity can be adjusted	RGB
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Output, input, interface

Trigger input high level	> 8.0 V
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Trigger input low level	< 5.0 V
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Trigger input	3 color presets: selectable via trigger 1 + 2 (White: selectable via trigger 3)
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Interface	■ IO-Link (V1.1, COM2 38.4 kBd, 2300 µs) ■ for parameterization (process data)
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Optical data

Light source	LED
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Color	White (5 000 K), RGB (user-defined)
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Deflection angle FWHM	120°
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Luminous flux	1100 lm
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Light intensity	■ 1.80 kLx (500.0 mm / 100 %) ■ 0.530 kLx (1000.0 mm / 100 %)
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Ambient conditions

Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
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Ambient temperature during operation	0 ... +40 °C
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Protection type	IP 67
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Electrical connection

Connection	Pigtail, 0.3 m, M12, 5-pin
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Accessories

Connection cable	VK ... /5
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More information / accessories
<https://www.di-soric.com/210934>