

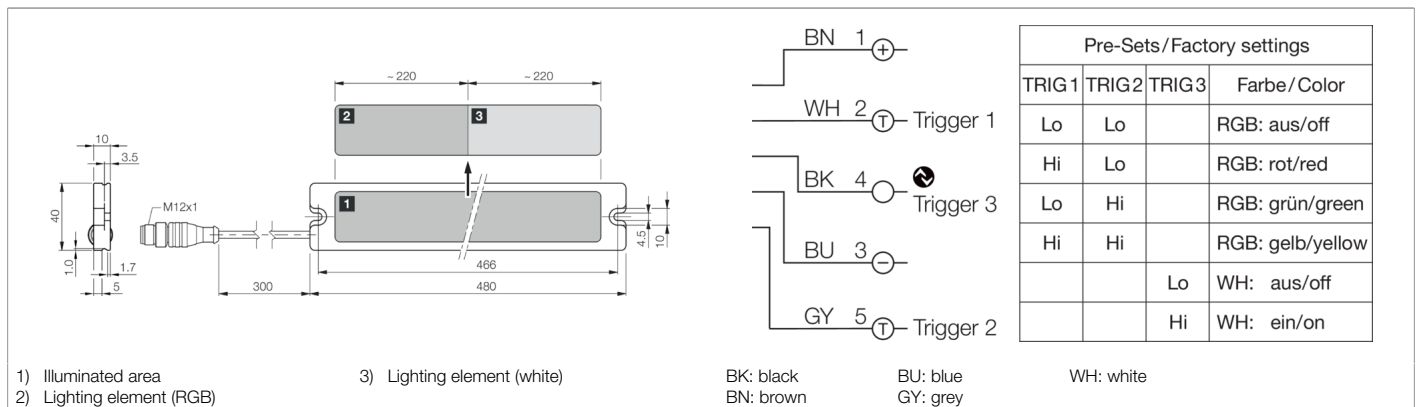


210525

MB-RGBW-480-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	
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	
Illuminated area		440 x 30 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	
Model		Machine lighting with signal lighting element	
Product series		MB-RGBW	
Operation modes		RGB: constant, blinking, flashing	
Light intensity can be adjusted		RGB, 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 (White: selectable via trigger 3)	
Interface		■ IO-Link (V1.1, COM2 38.4 kBd, 2300 µs) ■ for parameterization (process data)	
Light source		LED	
Color		White (5 000 K), RGB (user-defined)	
Deflection angle FWHM		120°	
Luminous flux		1100 lm	

**210525****MB-RGBW-480-K-B5****Machine lighting with signal lighting element****Technical data (typ.)**

Light intensity

+20°C, 24 V DC

- 1.80 kLx (500.0 mm / 100 %)
- 0.530 kLx (1000.0 mm / 100 %)

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/210525>