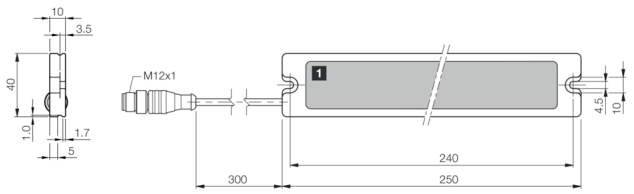
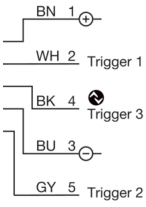
213114
SB-RGB-251-K-B5
Signal lighting

- Three segments: external trigger / segment mode / level mode / demo mode
- 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
- High protection type IP 67
- Magnetic holder set available as an option
- Adjustable mounting angle optionally available
- Pluggable diffusion filter optionally available





Operating mode: External trigger					
TRIG 1	TRIG 2	TRIG 3	Pre-Set	Factory setting	
				Var. 126	Var. 251-911
0	0	0	1	Off	Off
1	0	0	2	Red	Red
0	1	0	3	Green	Green
1	1	0	4	Yellow	Yellow
0	0	1	5	Blue	Blue
1	0	1	6	Red	Red
0	1	1	7	Green	Green
1	1	1	8	Red Cycling	Yellow

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

1) Illuminated area

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

Function

IO-Link

Technical data (typ.)	+20°C, 24 V DC
Electrical features	
Service voltage	18 … 30 V DC (Supply Class 2)
Internal power consumption	210 mA (24 V DC)
Power	5.0 W (24 V DC)
Inverse polarity protection	Yes
Mechanical features	
Illuminated area	220 x 30 mm
Housing length	250 mm
Housing height	10 mm
Housing width	40 mm
Housing material	Aluminum (natural, Anodized)
Material	PU, crystal clear (Window)
Weight	210 g
Certifications, approvals	
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Approvals	UL
General features	
Model	Signal lighting
Product series	SB-RGB

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213114
SB-RGB-251-K-B5
Signal lighting

Technical data (typ.)	+20°C, 24 V DC
Functional scope	
Number of segments (max)	3
Operation modes	External trigger / segment mode / level mode / demo mode, LED operating modes: Static / Blinking / Flashing
Light intensity can be adjusted	10 to 100 %, via IO-Link
Output, input, interface	
Trigger input high level	> 8.0 V
Trigger input low level	< 5.0 V
Trigger input	8 color presets: selectable via trigger 1 + 2 +3
Interface	■ IO-Link (V1.1, COM2 38,4 kBd, 5000 µs) ■ Process data
Optical data	
Light source	LED
Color	Red, green, yellow, blue, white, orange, pink, user-defined (IO-Link)
Deflection angle FWHM	120°
Ambient conditions	
Shock/vibration load	30 g, 11 ms / 10 … 55 Hz, 1.0 mm
Ambient temperature during operation	-30 … +50 °C
Protection type	IP 67
Electrical connection	
Connection	Pigtail, 0.3 m, M12, 5-pin
Accessories	
Connection cable	VK … /5

More information / accessories	https://www.di-soric.com/213114

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