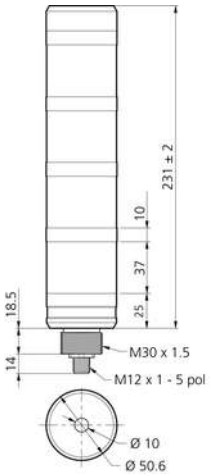
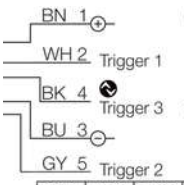
213755
SBT-RGB-R50-4B-B5
Signal column

- Status display 360°
- Strong signal effect thanks to state-of-the art, high-efficiency LEDs
- Low energy consumption
- Can be used immediately thanks to three trigger inputs (eight predefined/user-defined color settings)
- Freely configurable functions via IO-Link (process data)
- Simple installation (M30 threading)
- Buzzer







Legende / Legend:
>RT< = Rot langsam blinkend / flashing red slowly
>>RT<< = Rot blitzend / rapidly flashing red
>BUZ< = Buzzer intermittierend / Buzzer intermittent (1Hz)
>>BUZ<< = Buzzer intermittierend / Buzzer intermittent (2,5Hz)

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

TRIG 1	TRIG 2	TRIG 3	Pre-Set	Factory setting (Seg 1 / Seg 2 / Seg 3 / Seg 4 / BUZ) Var. 4S	Var. 4B
				Var. 4S	Var. 4B
0	0	0	1	-- -- -- --	-- -- -- --
1	0	0	2	-- -- -- RT	-- -- -- RT
0	1	0	3	-- GN -- --	GN -- --
1	1	0	4	-- -- YE --	-- YE --
0	0	1	5	BU -- -- --	BU -- -- --
1	0	1	6	WH -- -- --	WH -- -- --
0	1	1	7	-- -- -- >RT<	-- -- -- >RT< >BUZ<
1	1	1	8	-- -- -- >>RT<<	-- -- -- >>RT<<>>BUZ<<

BK: black BU: blue GY: grey YE: yellow
BN: brown GN: green WH: white

Function

IO-Link

Technical data (typ.)	+20°C, 24 V DC
Service voltage	18 … 30 V DC (Supply Class 2)
Internal power consumption	250 mA (24 V DC)
Power	6,0 W (24 V)
Inverse polarity protection	Yes
Illuminated area	50 x 37 mm (Ø x H / segment)
Number of segments	4
Housing material	Aluminum (natural, Anodized)
Material	Polycarbonate (Diffusor)
Weight	350 g
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Model	Signal column
Operating modes	External trigger / segment mode / level mode / demo mode, LED operating modes: Static / Blinking / Flashing
Buzzer	Yes, 80 (dB(A) typ. @ 50 cm)
Color selection	Red, green, yellow, blue, white, orange, pink, user-defined
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

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SBT-RGB-R50-4B-B5
Signal column

Technical data (typ.)	+20°C, 24 V DC
Trigger input	8 color presets: selectable via trigger 1 + 2 +3
Interface	■ IO-Link (V1.1, COM2 38,4 kBd, 5 000 µs) ■ for parameterization (process data)
Color	RGB
Vibration load	10 … 55 Hz / 0,35 mm
Ambient temperature during operation	0 … +50 °C
Protection type	IP 20
Connection	Connector, M12, 5-pin
Connection cable	VK … /5-SB

More information / accessories	https://www.di-soric.com/213755

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