

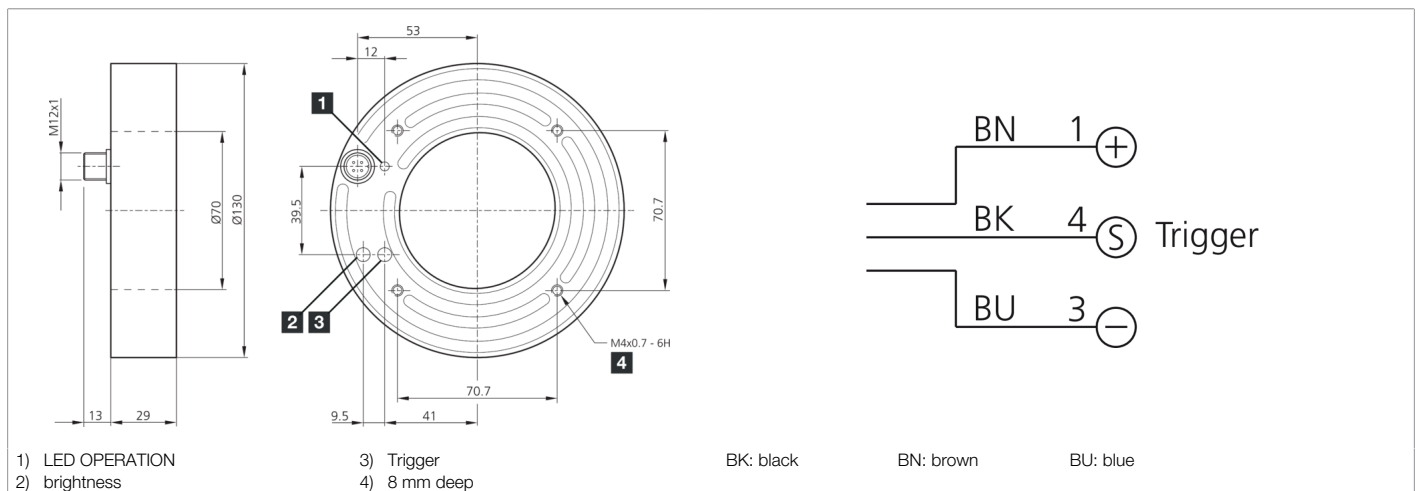


206466

BEK-R70/30-G0TI-IBS-DIF

Ringlight

- Constant level of light intensity over the entire voltage range
- Internal control of power output
- Homogeneous illumination
- High protection type IP 67
- External trigger input
- High efficiency
- Light intensity can be adjusted
- Low levels of heat produced
- Sturdy housing design
- Metal casing



Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	18 ... 35 V DC (Supply Class 2)
No-load current (max.)	370 mA (24 V DC)
Power	8.9 W (24 V DC)
Inverse polarity protection	Yes
Insulation voltage endurance	500 V

Mechanical features

Diameter	Ø 70 / Ø 130 mm (Diameter)
Housing material	Aluminum (Anodized)
Material	PMMA, diffuse (Protection optics)

Certifications, approvals

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

General features

Design	Ringlight
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Output, input, interface

Trigger input high level	3.3 ... 35.0 V
Trigger input low level	< 2.8 V



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Technical data (typ.)		+20°C, 24 V DC
Optical data		
Light source	LED	
Color	Infrared (diffuse)	
Wavelength	850 nm	
Deflection angle FWHM	30°	
Light intensity	■ 5400 μW/cm² (100.0 mm) ■ 2600 μW/cm² (200.0 mm) ■ 600 μW/cm² (500.0 mm)	
Display, operation		
Control	Integrated power control	
Display	LED green - Operating display	
Ambient conditions		
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm	
Ambient temperature during operation	0 ... +40 °C	
Protection type	IP 67	
Electrical connection		
Connection	Connector, M12, 3-pin	
Accessories		
Connection cable	VK ...	
More information / accessories		https://www.di-soric.com/206466