

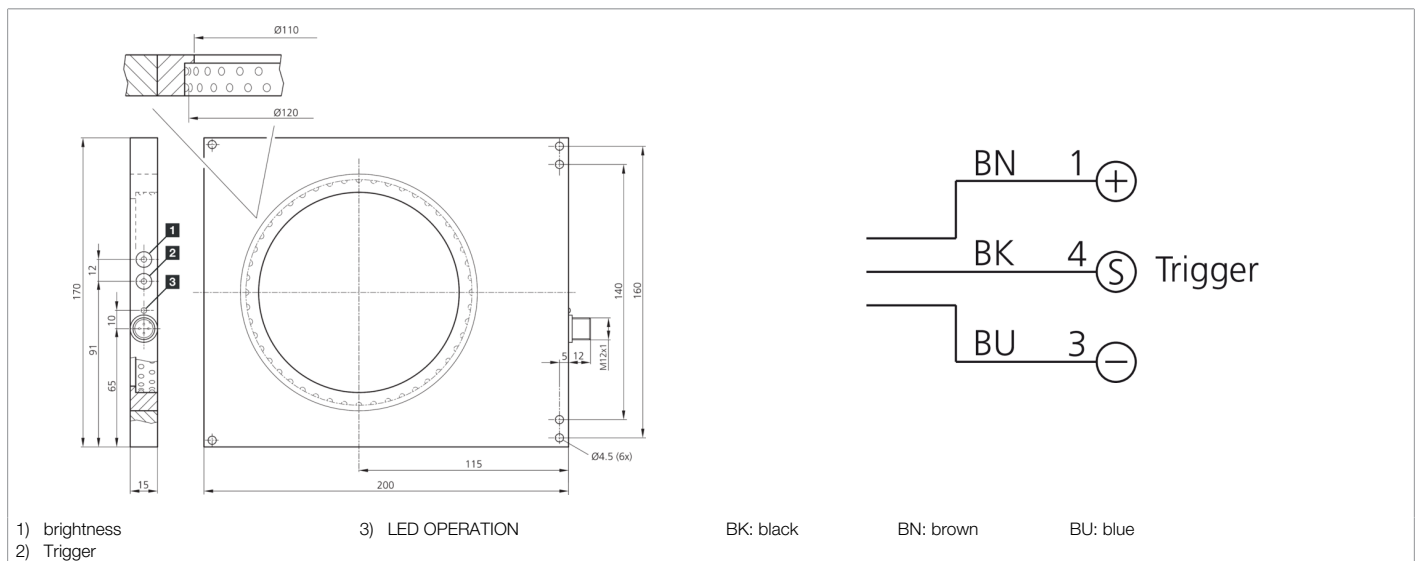


204984

BEK 1-D120-G1TI-IBS

Dark field light

- To detect the finest changes in surface
- Constant level of light intensity over the entire voltage range
- Homogeneous illumination
- Protection class IP 67
- Low levels of heat produced
- External trigger input
- High efficiency
- Light intensity can be adjusted
- Sturdy housing design



Function											
											   

Technical data (typ.)		+20°C, 24 V DC
Service voltage		10 ... 35 V DC (Supply Class 2)
No-load current (max.)		250 mA (24 V DC)
Power		6.0 W (24 V DC)
Inverse polarity protection		Yes
Insulation voltage endurance		500 V
Illuminated area		Ø 120
Housing dimensions		170 x 200 x 15 mm
Diameter		Ø 120 mm (Diameter)
Housing material		Aluminum (Black, Anodized)
Protection class		III, operation on protective low voltage
Risk group (DIN EN 62471)		Free group
Design		Dark field light
Characteristics		Trigger input
Trigger input high level		3.3 ... 35.0 V
Trigger input low level		< 2.8 V
Light source		LED
Color		red
Wavelength		630 nm
Deflection angle FWHM		40°
Control		Integrated power control



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Technical data (typ.)		+20°C, 24 V DC
Display		LED Green - Operating display
On-delay time (Trig.)		0.260 ms
Switch off delay (Trig.)		0.070 ms
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		Connector, M12, 3-pin
Connection cable		VK ...
More information / accessories		https://www.di-soric.com/204984