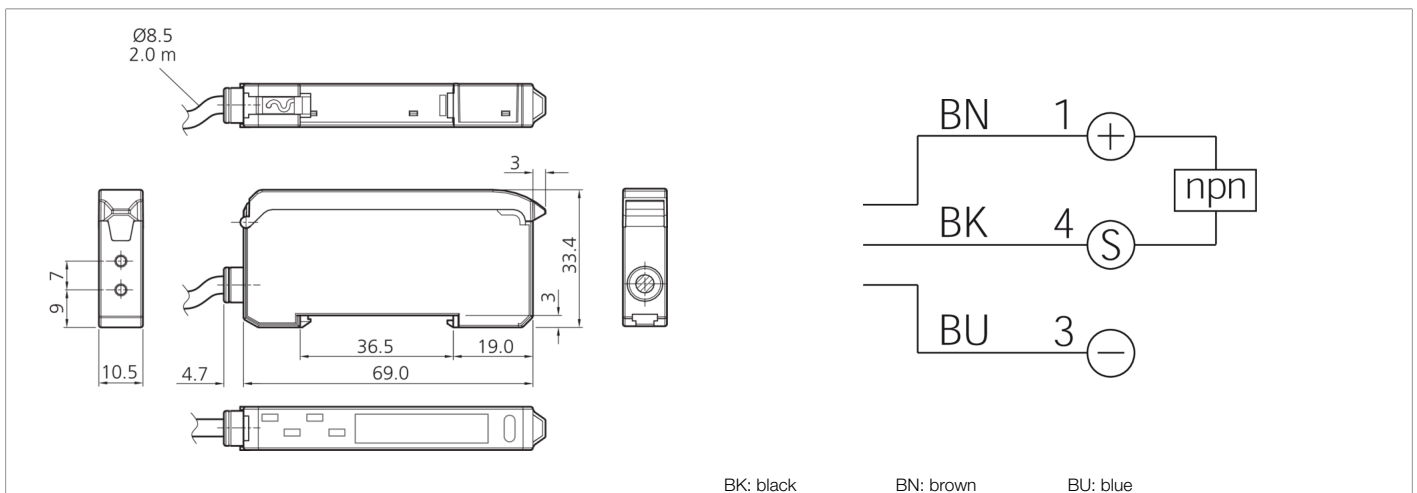




**209977**  
**OLK 71 N3-3**  
**Plastic fiber-optic amplifier**

- Long range
- Easy to operate
- Two digital LED displays for the target value and actual value
- Teach-in / fine manual adjustment
- Time function / offset function
- Switch for light/dark switching



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	12 ... 24 V DC (± 10%)
No-load current (max.)	40 mA
Insulation voltage endurance	1000 V
Housing length	69 mm
Housing height	33.4 mm
Housing width	10.5 mm
Housing material	Plastic (ABS) / Plastic (PC)
Protection class	III, operation on protective low voltage
Amplifier for	2X2.2 mm plastic fiber optics
Evaluation	digital
Design	Cuboid design
Switching output	npn, 100 mA, NO/NC, programmable
Light source	LED
Color	Red
Wavelength	625 nm
Ambient light immunity	10 kLx
Operating elements	4
Sensitivity adjustment	Teach button
Display	Digital display
Switching frequency	1000 Hz / 800 Hz / 600 Hz / 400 Hz / 200 Hz
Response time	0.25 / 0.31 / 0.42 / 0.63 / 1.25 ms
Ambient temperature during operation	-10 ... +55 °C



**209977**

**OLK 71 N3-3**

**Plastic fiber-optic amplifier**

**Technical data (typ.)**

**+20°C, 24 V DC**

Protection type

IP 54

Connection

Cable, 2.0 m

**More information / accessories**

<https://www.di-soric.com/209977>