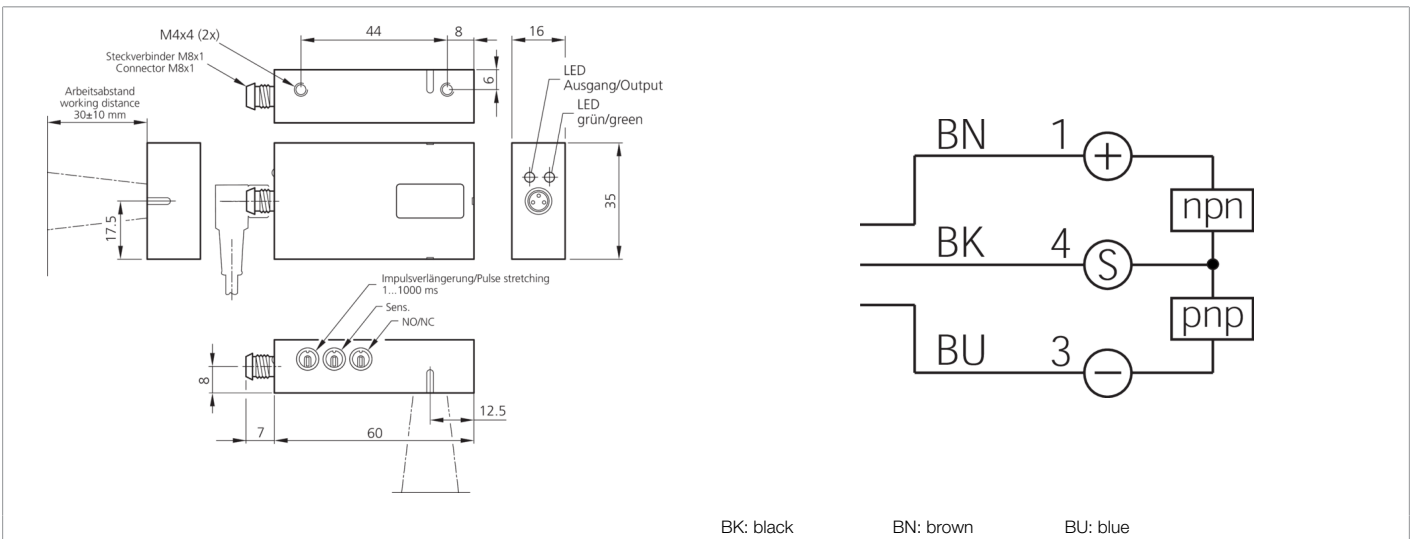




207826
OBS 60 M 30 G3-T3
Optical movement sensor

- For contactless feed control, also suitable at low speed and with wires
- Detection of metallic, non-metallic and shiny surfaces
- Robust metal housing
- High protection type



Function											

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	30 mA
Insulation voltage endurance	500 V
Housing material	Aluminum (Black, Anodized)
Material	PMMA (Window)
Protection class	III, operation on protective low voltage
Operating principle	Optical
Evaluation	digital
Design	Cuboid design
Characteristics	For contactless feed control, also suitable at low speed and with wires
Switching output	Push-pull, 150 mA, NO/NC, switchable
Voltage drop (max.)	2.5 V
Pulse stretching	1 ... 1000 ms adjustable
Light source	Laser
Laser class	1M (EN 60825-1)
Color	Infrared, Pp < 0,77 mW t = cw-Laser
Wavelength	850 nm
Light spot size	Ø 2 mm
Ambient light immunity	5 kLx
Switching distance	20 ... 40 mm



207826

OBS 60 M 30 G3-T3

Optical movement sensor

Technical data (typ.)

+20°C, 24 V DC

Switching hysteresis (max.)

Fixed 16 % max. 0.1 m/s

Sensitivity adjustment

Potentiometer

Display

LED Green - Operation, yellow - Switching output

Speed of parts (max.)

5 m/s (material-dependent)

Response time

10 ms

Ambient temperature during operation

+5 ... +45 °C

Protection type

IP 67

Connection

Connector, M8, 3-pin

Connection cable

TK ...

More information / accessories

<https://www.di-soric.com/207826>