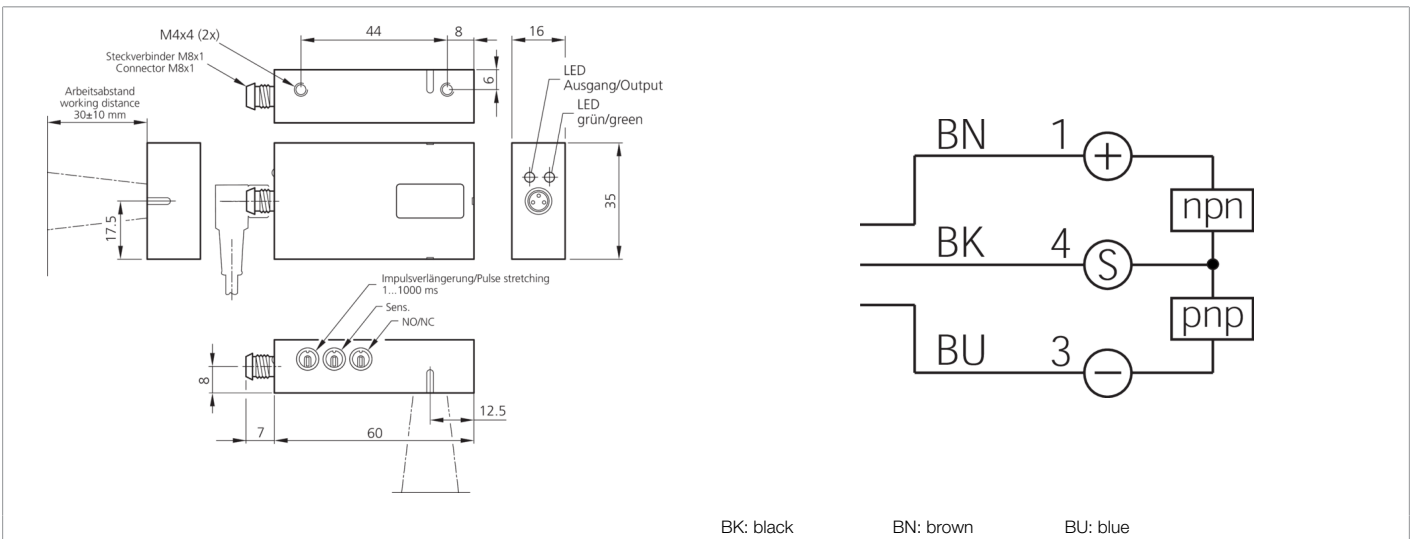




**207826**  
**OBS 60 M 30 G3-T3**  
**Optical movement sensor**

- 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  |
| Wavelength                   | 850 nm  |
| Light spot size              | Ø 2 mm  |
| Ambient light immunity       | 5 kLx   |
| Switching distance           | 20 ... 40 mm  |



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| 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       | <a href="https://www.di-soric.com/207826">https://www.di-soric.com/207826</a> |