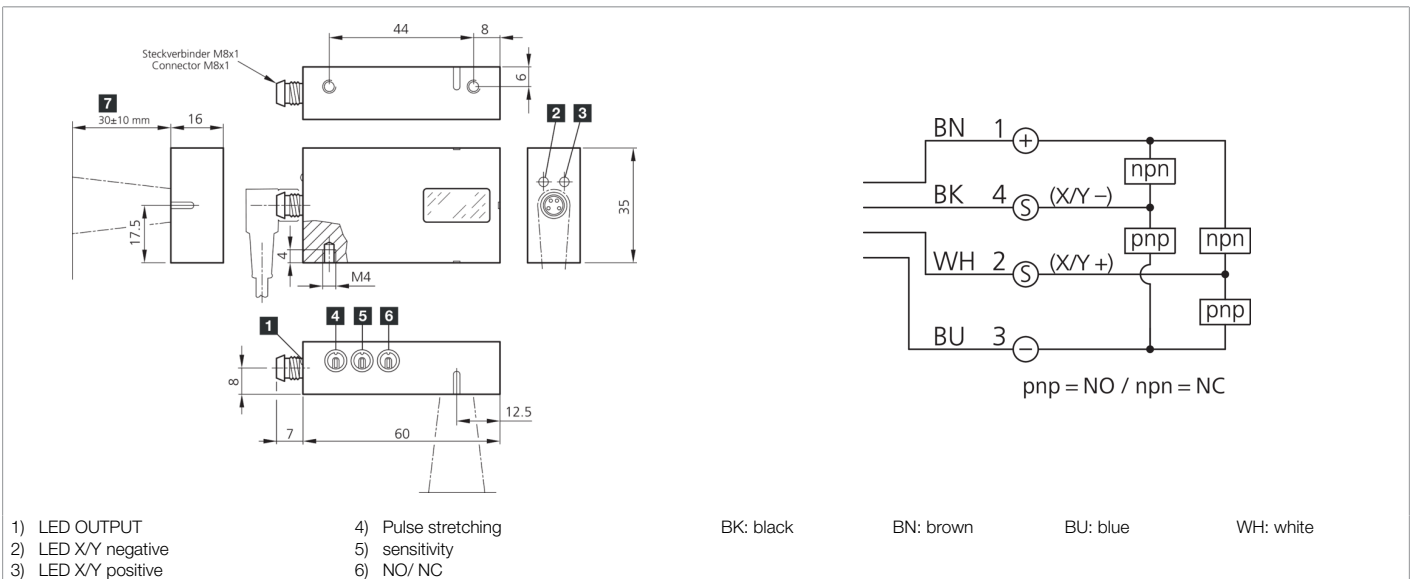




**209559**  
**OBSR 60 M 30 G8-T4**  
**Optical movement sensor**

- Detection of direction
- X- or Y-axis switchable
- For contactless feed control
- Detection of metallic, non-metallic and shiny surfaces
- Two switching outputs
- 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	Detection of direction, X- or Y-axis switchable
Switching output	Push-pull (2x), 150 mA
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

**209559****OBSR 60 M 30 G8-T4****Optical movement sensor**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Switching distance	20 ... 40 mm
Switching hysteresis (max.)	Fixed 16 % max. 0.1 m/s
Sensitivity adjustment	Potentiometer
Display	LED (2x) 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, 4-pin
Connection cable	TK ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/209559">https://www.di-soric.com/209559</a></b>