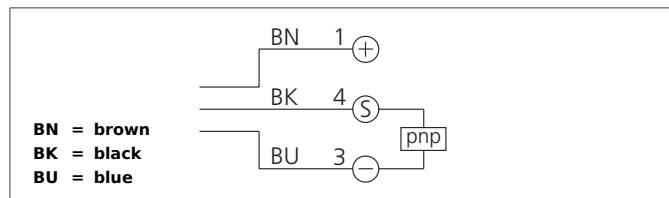


## OHT 31 K 200 P2K-TSSL

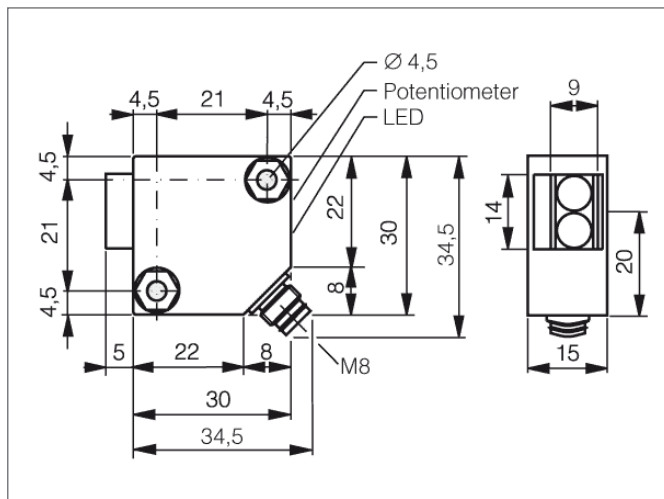
### Diffuse Sensor with Background Suppression

- Small design
- Red light clocked
- 12-turn potentiometer
- Background suppression
- Sensitivity adjustable, large operating distance



#### Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.  
These instruments shall exclusively be used by qualified personnel.  
Repair only by di-soric.



| TECHNICAL INFORMATION        |  | +20°C, 24V DC                |
|------------------------------|--|------------------------------|
| Evaluation                   |  | digital                      |
| Size                         |  | 35 x 30 x 15 mm (Dimensions) |
| Design                       |  | cuboid design                |
| Emitted light                |  | Red, 660 nm, clocked         |
| Standardized measuring plate |  | 100 x 100 mm, white          |
| Service voltage              |  | 10 ... 36 V DC               |
| background suppression       |  | yes                          |
| Operating distance           |  | 15 ... 200 mm                |
| Output                       |  | pnp, 200 mA, NC              |
| Sensitivity adjustment       |  | potentiometer                |
| Internal power consumption   |  | < 25 mA                      |
| Voltage drop                 |  | < 2,0 V                      |
| Operating frequency          |  | 500 Hz                       |
| Response-/release time       |  | < 1 ms / < 1 ms              |
| Switching hysteresis         |  | < 5 %                        |
| Ambient temperature          |  | -25 ... +55 °C               |
| Ambient light immunity       |  | > 10 kLx                     |
| Insulation voltage endurance |  | 1.000 V                      |
| Protection class             |  | IP 67                        |
| Casing material              |  | plastics                     |
| Material                     |  | glass (Window)               |
| Connection                   |  | Connector, M8, 3-poled       |