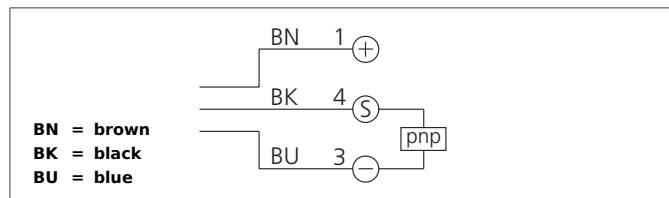


# OTV 18 M 600 P1K-IBSL

## Diffuse Sensor

- Compact design
- Red light clocked
- Sensitivity adjustable
- High resolution, operating frequency, functional reserve
- LED indication of output state and functional reserve
- High operating distance

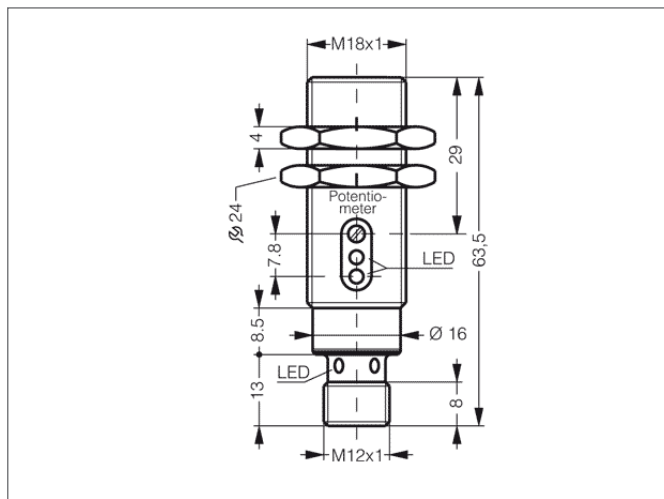


### Safety instructions

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                         |  | M18 x 1 (Gewinde)       |
| Design                       |  | screw                   |
| Emitted light                |  | Red, 660 nm, clocked    |
| Standardized measuring plate |  | 200 x 200 mm, white     |
| Service voltage              |  | 10 ... 36 V DC          |
| background suppression       |  | no                      |
| Operating distance           |  | 600 mm                  |
| Output                       |  | pnP, 200 mA, NO         |
| Sensitivity adjustment       |  | potentiometer           |
| Internal power consumption   |  | < 20 mA                 |
| Voltage drop                 |  | < 2,0 V                 |
| Operating frequency          |  | 1.000 Hz                |
| Response-/release time       |  | < 0,5 ms / < 0,5 ms     |
| Switching hysteresis         |  | < 10 %                  |
| Ambient temperature          |  | -25 ... +55 °C          |
| Temperature drift            |  | 0,3 %/K                 |
| Ambient light immunity       |  | > 10 kLx                |
| Insulation voltage endurance |  | 1.000 V                 |
| Protection class             |  | IP 67                   |
| Casing material              |  | brass nickel plated     |
| Material                     |  | glass (Window)          |
| Connection                   |  | Connector, M12, 3-poled |