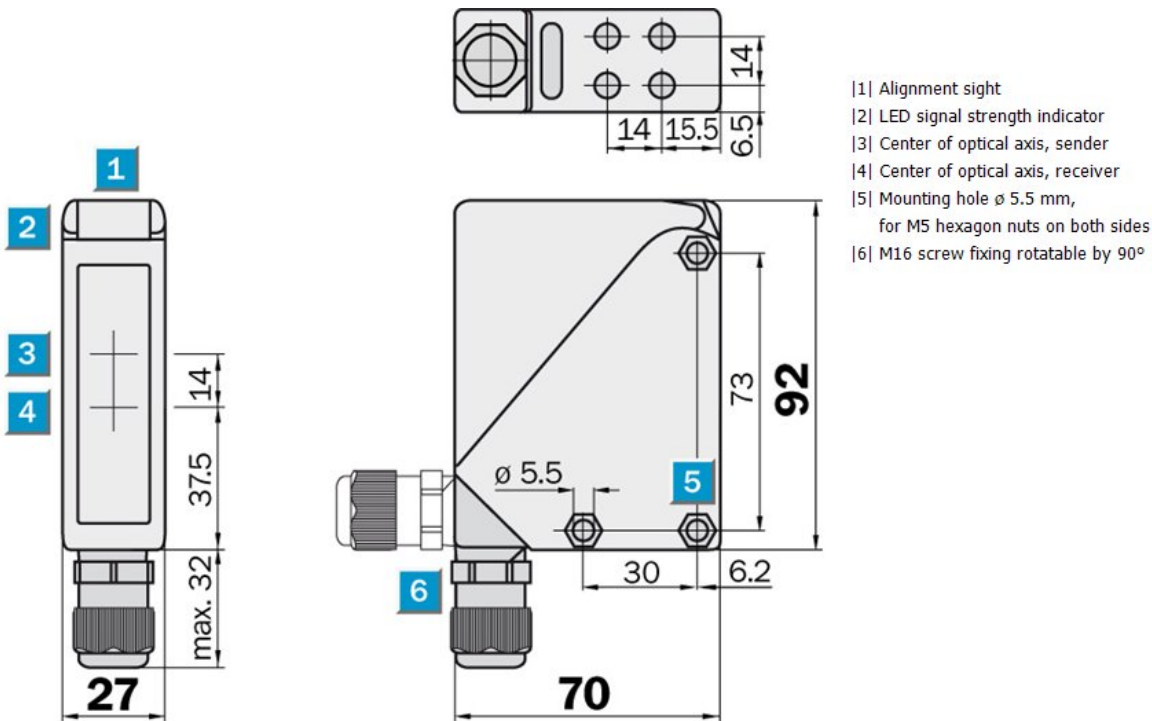


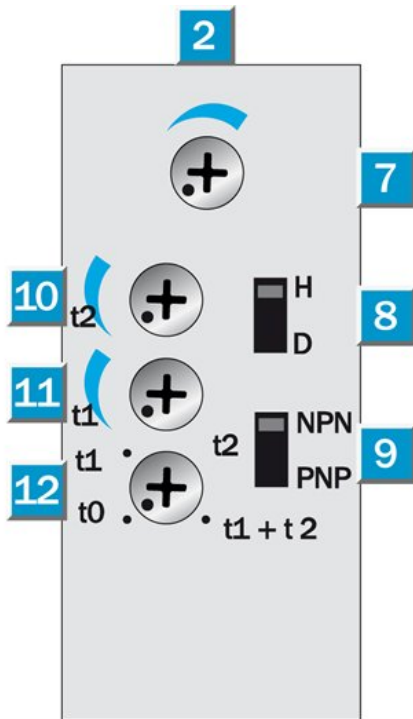
| | |
|------------------------------------|---|
| Ripple: | < 5 Vpp ²⁾ |
| Current consumption: | ≤ 50 mA |
| Switching output: | NPN, PNP |
| Switching mode: | Dark-switching, Light switching |
| Switching mode selector: | Selectable via light/dark selector, Selectable via PNP/NPN selector |
| Output current I _{max} :: | 100 mA |
| Response time: | ≤ 500 μs ³⁾ |
| Switching frequency: | 1,000 Hz ⁴⁾ |
| Connection type: | Terminal connection with M16 gland ⁵⁾ |
| Circuit protection::: | A, C, D ^{6) 7) 8)} |
| Protection class: | II ⁹⁾ |
| Weight: | 140 g |
| Polarisation filter: | ✓ |
| Housing material: | ABS, Plastic |
| Enclosure rating: | IP 67 |
| Test input sender off: | TE to 0 V |
| Ambient temperature operation: | -40 °C ... +60 °C |
| Ambient storage temperature: | -40 °C ... +75 °C |
| UL File No.: | NRKH.E181493 & NRKH7.E181493 |

1) Limit values 2) May not exceed or fall short of V_S tolerances 3) Signal transit time with resistive load 4) With light/dark ratio 1:1 5) Connection rotatable by 90° 6) A = V_S connections reverse-polarity protected 7) C = interference suppression 8) D = outputs overcurrent and short-circuit protected 9) Reference voltage: 50 V DC

Dimensional drawing



Adjustments possible



- |2| LED signal strength indicator
- |7| Sensitivity adjustment
- |8| Light/dark selector
- |9| NPN/ PNP selector
- |10| Time control t2=OFF-delay
- |11| Time control t1=ON-delay
- |12| time delay selector switch

Connection diagram

