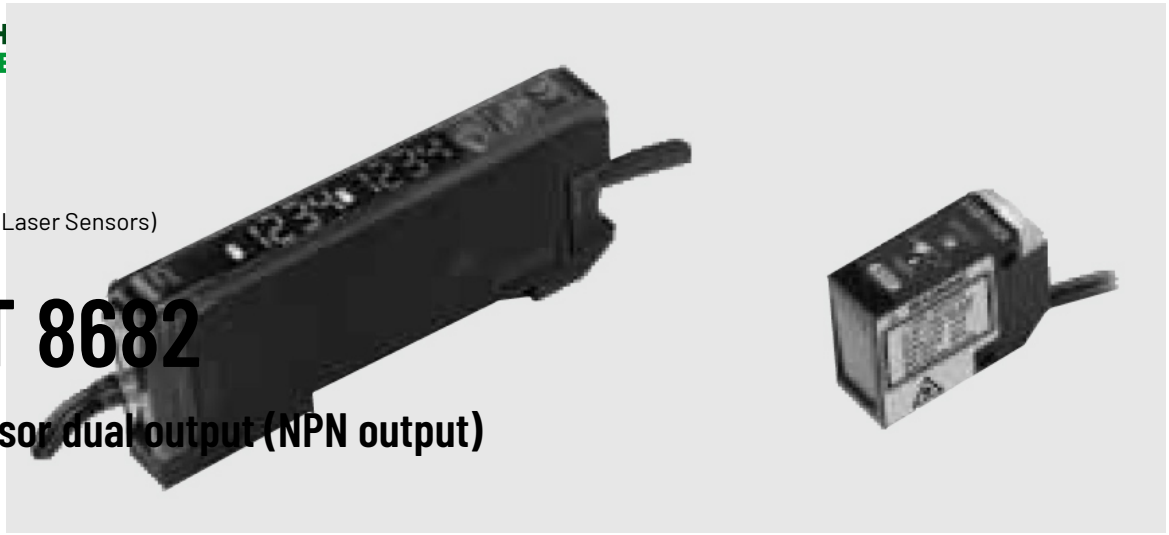
Other Sensors (Laser Sensors)

# LVHT 8682

## laser sensor dual output (NPN output)



| | |
|---|---|
| Connection type: | 2m cable |
| Display: | Indicators LDON indicator: Green; Operation indicator: Orange |
| Outlet: | NPN-Ausgang |
| Control panel cover: | Polybutylene terephthalate (PBT) |
| Nominal voltage: | 12 to 24 VDC ±10%, ripple (p-p) 10% max. |
| E/A settings: | Output setting (Select from channel 2 output,area output, or self-diagnosis.) |
| Extraneous light sensibility: | 3.000 lx (incandescent lamp) |
| Function: | Power tuning, differential detection, timer, zero-reset, initial reset, mutual interference prevention (See note 1.), preset counter (See note 2.), reversed display |
| Function displays: | Select from the following: Incident level, + threshold, incident level percentage, + threshold, incident light peak level + no incident light bottom level, minimum incident light peak level + maximum no incident light bottom level, long bar display, incident level + peak hold, incident level + channel |
| Case material: | Polybutylenterephthalat (PBT) |
| High-resolution mode: | 4 ms for operation and reset |
| High-speed mode: | 100 µs for operation and reset |
| Power consumption: | 1,080 mW max. (current consumption: 45 mA max. at power supply voltage of 24 VDC) |
| Humidity: | Operating/storage: 35% to 85% (with no condensation) |
| Switching outlet: | Load power supply voltage: 26.4 VDC max.; NPN/PNP (depends on model) open collector Load current: 50 mA max.; residual voltage: 1 V max. |
| Protection class: | N/A |
| Standard mode: | 1 ms for operation and reset |
| Environment temperature: | Operating: Groups of 1 to 2 Amplifiers: -25°C to 55°C, Groups of 3 to 11 Amplifiers: -25°C to 50°C Groups of 12 to 16 Amplifiers: -25°C to 45°C (with no icing or condensation) Storage: -30°C to 70°C (with no icing or condensation) |

Further information about this product can be found on our website, please visit:
**https://schoenbuch-sensor.de/en/products/lvht-8684_en/lvht-8682_en/**