

**product** threaded devices, brass nickel-plated light detector

**design** 12 M12x1



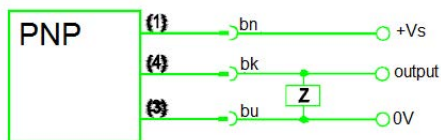
**Light detector for monitoring of incandescent- and halogen lamps. At a pre-set brightness, the device switches. The sensitivity can be adjusted via a potentiometer.**

**TECHNICAL DATA**

**OY120120**

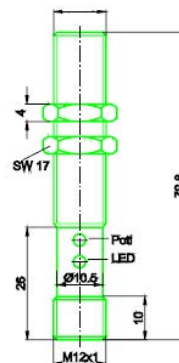
|                             |                     |
|-----------------------------|---------------------|
| current consumption         | <20mA               |
| voltage decay               | <3V                 |
| operating voltage           | 10 to 30V DC        |
| short-circuit protection    | +                   |
| reverse polarity protection | +                   |
| switching output            | pnp, NO             |
| ampacity                    | 200mA               |
| protection class (EN 60529) | IP65                |
| ambient temperature         | +10°C to +75°C      |
| material (housing)          | brass nickel-plated |
| connection                  | M12-connector       |

**connection**



wire colors: bn=brown, bu=blue, bk=black

**dimensional drawing**



**Warning:** Never use these devices in applications where the safety of a person depends on their functionality.

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