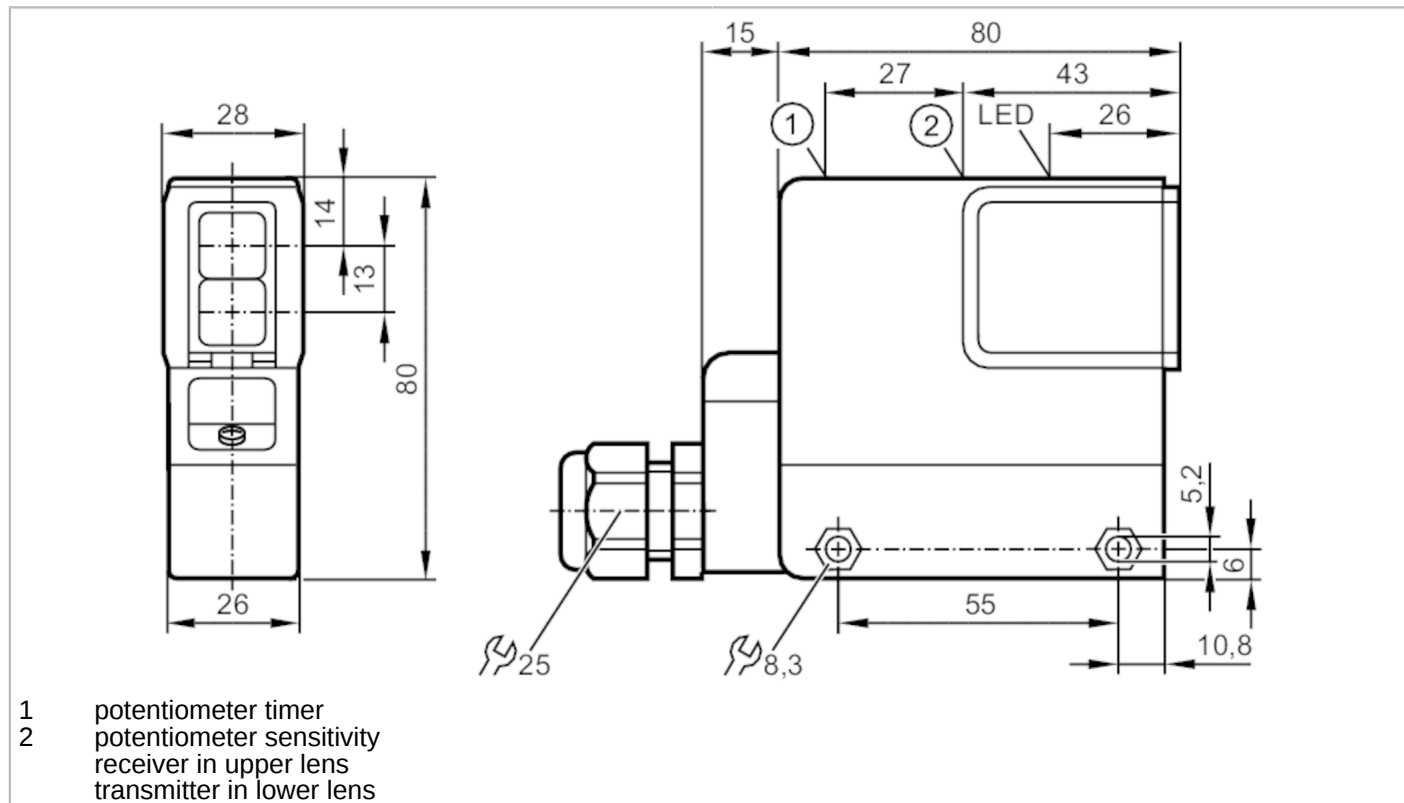




Retro-reflective sensor

OSP-FNKG/T

Article no longer available - archive entry



Product characteristics

| | |
|---------------|-------------|
| Type of light | red light |
| Housing | rectangular |

Application

| | |
|--------------------|-------------------------|
| Special feature | polarisation filter |
| Function principle | Retro-reflective sensor |

Electrical data

| | | |
|-----------------------------|------|--------------|
| Operating voltage | [V] | 10...55 DC |
| Current consumption | [mA] | 25; ((24 V)) |
| Protection class | | II |
| Reverse polarity protection | | yes |
| Type of light | | red light |
| Wave length | [Nm] | 660 |

OS5034



Retro-reflective sensor

OSP-FNKG/T

| Outputs | | |
|---|------------------|--|
| Electrical design | | NPN |
| Output function | | light-on/dark-on mode; (parameterisable) |
| Max. voltage drop switching output DC | [V] | 2.5 |
| Permanent current rating of switching output DC | [mA] | 250 |
| Switching frequency DC | [Hz] | 40 |
| Short-circuit protection | | yes |
| Type of short-circuit protection | | pulsed |
| Overload protection | | yes |
| Time function | [s] | 0.01...5 |
| Detection zone | | |
| Range | [m] | < 6; (Prismatic reflector Ø 80 E20005) |
| Range adjustable | | yes |
| Polarisation filter available | | yes |
| Operating conditions | | |
| Ambient temperature | [°C] | -25...60 |
| Protection | | IP 65 |
| Tests / approvals | | |
| EMC | EN 60947-5-2 | |
| | EN 55011 | class B |
| Mechanical data | | |
| Housing | | rectangular |
| Dimensions | [mm] | 80 x 28 x 95 |
| Materials | | PPO modified |
| Lens material | | glass |
| Displays / operating elements | | |
| Display | switching status | 1 x LED, yellow |
| Accessories | | |
| Items supplied | | Angle bracket screwdrivers |
| Remarks | | |
| Pack quantity | | 1 pcs. |

OS5034



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Electrical connection

terminals: ...1.5 mm²

Connection

