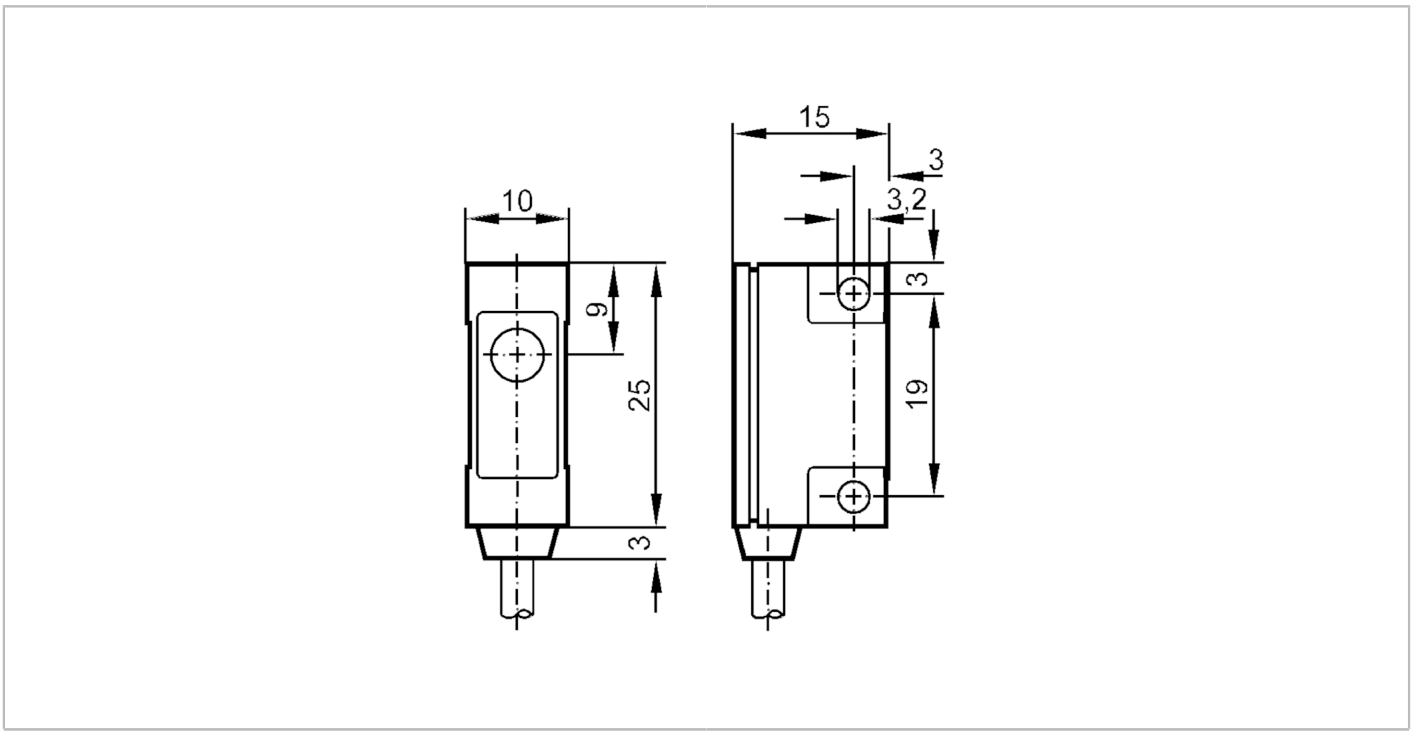
# OR0003

## Through-beam sensor transmitter

ORS-V




| | | |
|---|---|---|
| **Product characteristics** | | |
| Type of light | | infrared light |
| Housing | | rectangular |
| **Application** | | |
| Function principle | | Through-beam sensor |
| **Electrical data** | | |
| Connection to switching amplifiers | | yes |
| Switching amplifiers | | Connection to switching amplifiers OV5012, OV0010 |
| Type of light | | infrared light |
| Wave length | [nm] | 950 |
| **Outputs** | | |
| Short-circuit protection | | no |
| Overload protection | | no |
| **Detection zone** | | |
| Transmitter / receiver | | transmitter |
| Range | [m] | < 2 |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -20...80 |
| Protection | | IP 67 |
| **Tests / approvals** | | |
| EMC | | EN 60947-5-2 |
| MTTF | [years] | 57078 |

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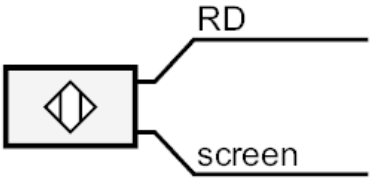
## Through-beam sensor transmitter

ORS-V

| Mechanical data | | |
|---|---|---|
| Weight | [g] | 59.5 |
| Housing | | rectangular |
| Materials | | PPO modified |
| Lens alignment | | side lens |
| **Accessories** | | |
| Items supplied | | Angle bracket: 1, E20212 |
| **Remarks** | | |
| Pack quantity | | 1 pcs. |
| **Electrical connection** | | |

Cable: 2 m; 1 x 0.14 mm²

Connection




| | Core colours : |
|---|---|
| RD = | red |
| screen = | screen |