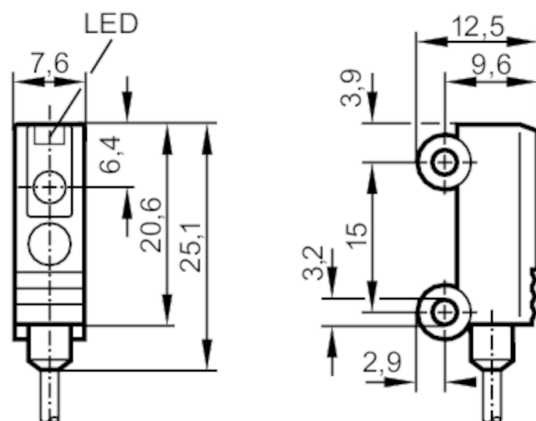


# OH5020



## Through-beam sensor transmitter

OHS-00KG/0,20M/AS



### Application

|                    |                     |
|--------------------|---------------------|
| Function principle | Through-beam sensor |
|--------------------|---------------------|

### Electrical data

|                                        |      |            |
|----------------------------------------|------|------------|
| Operating voltage                      | [V]  | 10...30 DC |
| Current consumption                    | [mA] | < 20       |
| Protection class                       |      | III        |
| Reverse polarity protection            |      | yes        |
| Type of light                          |      | red light  |
| Wave length                            | [nm] | 660        |
| Typ. lifetime                          | [h]  | 75000      |
| Reference temperature for service life | [°C] | 25         |

### Outputs

|                     |     |
|---------------------|-----|
| Overload protection | yes |
|---------------------|-----|

### Detection zone

|                                |             |
|--------------------------------|-------------|
| Transmitter / receiver         | transmitter |
| Range [m]                      | < 1.2       |
| Max. light spot diameter [mm]  | 10          |
| Light spot dimensions refer to | Range       |

### Operating conditions

|                     |      |          |
|---------------------|------|----------|
| Ambient temperature | [°C] | -20...50 |
| Protection          |      | IP 67    |

### Tests / approvals

|     |              |
|-----|--------------|
| EMC | EN 60947-5-2 |
|-----|--------------|

# OH5020



## Through-beam sensor transmitter

OHS-00KG/0,20M/AS

### Mechanical data

|                |      |                   |
|----------------|------|-------------------|
| Weight         | [g]  | 15.2              |
| Housing        |      | rectangular       |
| Dimensions     | [mm] | 25.1 x 7.6 x 12.5 |
| Materials      |      | ABS               |
| Lens material  |      | PMMA              |
| Lens alignment |      | side lens         |

### Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

Cable: 0.2 m, PVC

Connector: 1 x M8



### Connection

