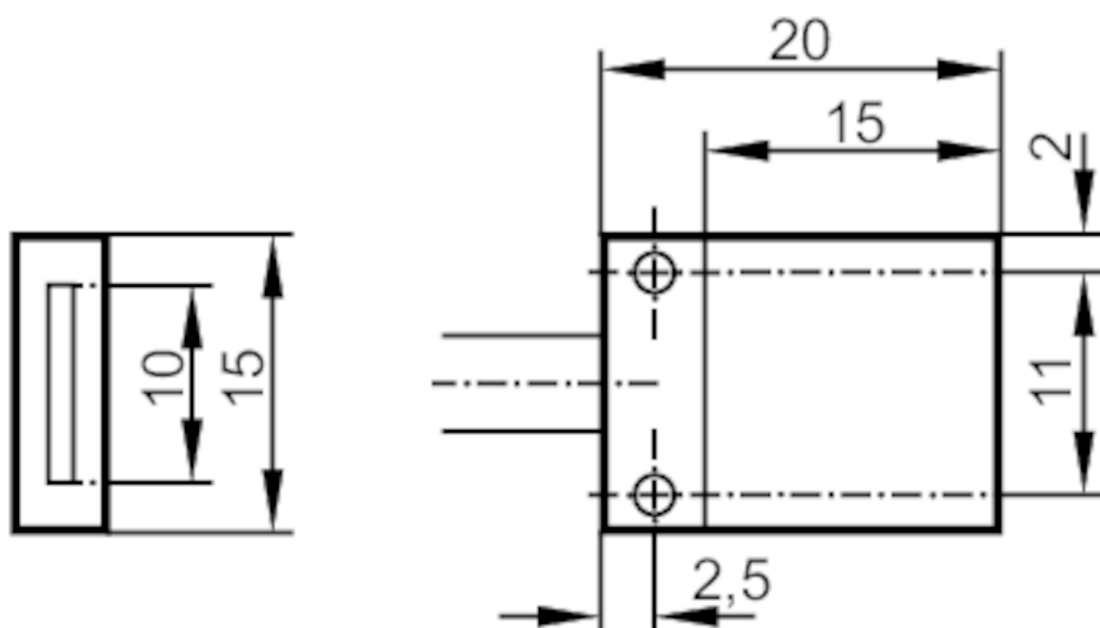


**Fibre optic diffuse reflection sensor with cross-section converter**

FT-00-P-MS


**Application**

|                    |                                    |
|--------------------|------------------------------------|
| Design             | Cross section converter            |
| Function principle | Diffuse reflection sensor          |
| Application        | For use in industrial environments |

**Detection zone**

|                                       |                    |
|---------------------------------------|--------------------|
| Range with fibre optic amplifier type | OCF; OKF; OOF; OUF |
|---------------------------------------|--------------------|

**OCF (High Power)**

|                         |     |
|-------------------------|-----|
| Range fibre optics [mm] | 420 |
|-------------------------|-----|

**OKF**

|                         |    |
|-------------------------|----|
| Range fibre optics [mm] | 40 |
|-------------------------|----|

**OOF**

|                         |     |
|-------------------------|-----|
| Range fibre optics [mm] | 200 |
|-------------------------|-----|

**OUF**

|                         |    |
|-------------------------|----|
| Range fibre optics [mm] | 40 |
|-------------------------|----|

**Operating conditions**

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -20...80 |
|--------------------------|----------|

**Mechanical data**

|                         |          |
|-------------------------|----------|
| Weight [g]              | 60       |
| Version of sensing head | straight |



## Fibre optic diffuse reflection sensor with cross-section converter

FT-00-P-MS

|                       |      |                                                                                     |
|-----------------------|------|-------------------------------------------------------------------------------------|
| Sensing head height   | [mm] | 5                                                                                   |
| Sensing head width    | [mm] | 15                                                                                  |
| Sensing head length   | [mm] | 20                                                                                  |
| Probe dimensions      | [mm] | 5 x 15 x 20                                                                         |
| Total length          | [mm] | 600                                                                                 |
| Min. bending radius   | [mm] | 20                                                                                  |
| Fibre arrangement     |      |  |
| Fibre material        |      | glass                                                                               |
| Fibre head material   |      | brass                                                                               |
| Fibre sheath material |      | PVC                                                                                 |

### Remarks

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