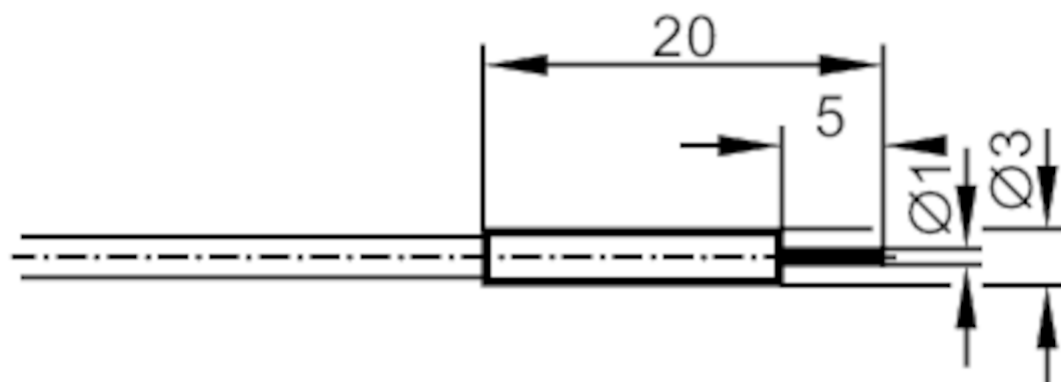


## Fibre optic through-beam sensor

FE-00-P-V-E1



## Application

|                    |                      |
|--------------------|----------------------|
| Function principle | Through-beam sensor  |
| Application        | Small bending radius |

## Detection zone

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

## OCF (High Power)

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

## OKF

|                            |    |
|----------------------------|----|
| Range of fibre optics [mm] | 50 |
|----------------------------|----|

## OOF

|                            |     |
|----------------------------|-----|
| Range of fibre optics [mm] | 160 |
|----------------------------|-----|

## OUF

|                            |    |
|----------------------------|----|
| Range of fibre optics [mm] | 50 |
|----------------------------|----|

## Operating conditions

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

## Mechanical data

|                            |          |
|----------------------------|----------|
| Weight [g]                 | 49       |
| Version of sensing head    | straight |
| Sensing head diameter [mm] | 1        |

# E20061



## Fibre optic through-beam sensor

FE-00-P-V-E1

|                       |      |                              |
|-----------------------|------|------------------------------|
| Sensing head length   | [mm] | 5                            |
| Total length          | [mm] | 600                          |
| Min. bending radius   | [mm] | 10                           |
| Fibre arrangement     |      |                              |
| Materials             |      | Adapter: PPE                 |
| Fibre material        |      | glass                        |
| Fibre head material   |      | stainless steel (303/1.4305) |
| Fibre sheath material |      | PVC                          |

### Accessories

|                |                         |
|----------------|-------------------------|
| Items supplied | Mounting clamp:, E20107 |
|----------------|-------------------------|

### Remarks

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