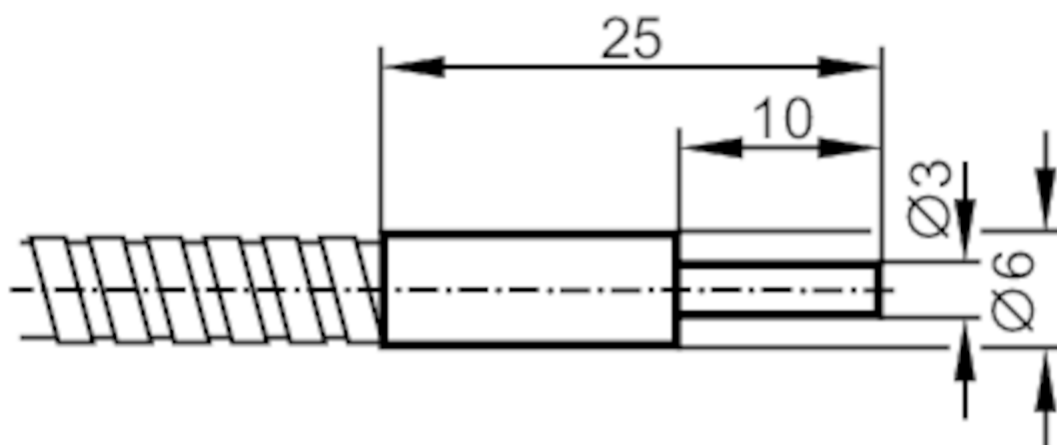


## Fibre optic through-beam sensor

FE-00-A-A-E3



## Application

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Function principle | Through-beam sensor                                                                 |
| Application        | High temperature resistance; Robust design for use in harsh industrial environments |

## Detection zone

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

## OCF (High Power)

|                            |      |
|----------------------------|------|
| Range of fibre optics [mm] | 1200 |
|----------------------------|------|

## OKF

|                            |     |
|----------------------------|-----|
| Range of fibre optics [mm] | 120 |
|----------------------------|-----|

## OOF

|                            |     |
|----------------------------|-----|
| Range of fibre optics [mm] | 400 |
|----------------------------|-----|

## OUF

|                            |     |
|----------------------------|-----|
| Range of fibre optics [mm] | 120 |
|----------------------------|-----|

## Operating conditions

|                          |           |
|--------------------------|-----------|
| Ambient temperature [°C] | -40...290 |
|--------------------------|-----------|

## Mechanical data

|                            |          |
|----------------------------|----------|
| Weight [g]                 | 69       |
| Version of sensing head    | straight |
| Sensing head diameter [mm] | 3        |

# E20130



## Fibre optic through-beam sensor

FE-00-A-A-E3

|                       |      |                              |
|-----------------------|------|------------------------------|
| Sensing head length   | [mm] | 10                           |
| Total length          | [mm] | 600                          |
| Min. bending radius   | [mm] | 20; (for fixed installation) |
| Fibre arrangement     |      |                              |
| Materials             |      | Adapter: ABS                 |
| Fibre material        |      | glass                        |
| Fibre head material   |      | aluminium                    |
| Fibre sheath material |      | aluminium                    |
| Accessories           |      |                              |
| Items supplied        |      | E20103                       |
| Remarks               |      |                              |
| Pack quantity         |      | 1 pcs.                       |