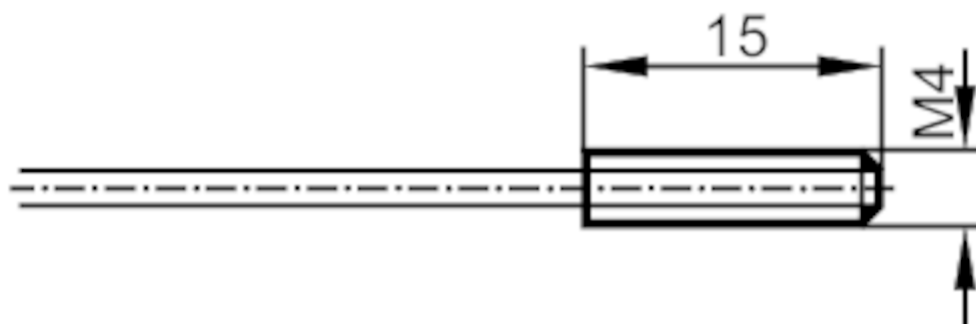


## Fibre optic through-beam sensor

FE-11-EPA-M4/F1X0,5/2M



## Application

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

## Detection zone

|                                       |                      |
|---------------------------------------|----------------------|
| Range with fibre-optic amplifier type | OB50; OBF; OCF; OO50 |
|---------------------------------------|----------------------|

## OB50

|                            |    |
|----------------------------|----|
| Range of fibre optics [mm] | 60 |
|----------------------------|----|

## OBF

|                            |     |
|----------------------------|-----|
| Range of fibre optics [mm] | 130 |
|----------------------------|-----|

## OCF (High Power)

|                            |     |
|----------------------------|-----|
| Range of fibre optics [mm] | 540 |
|----------------------------|-----|

## OO50

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

## Operating conditions

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -40...70 |
|--------------------------|----------|

## Mechanical data

|                         |          |
|-------------------------|----------|
| Weight [g]              | 35       |
| Version of sensing head | straight |
| Sensing head thread     | M4       |

# E20612



## Fibre optic through-beam sensor

FE-11-EPA-M4/F1X0,5/2M

|                       |      |           |
|-----------------------|------|-----------|
| Sensing head length   | [mm] | 15        |
| Total length          | [mm] | 2000      |
| Min. bending radius   | [mm] | 10        |
| Fibre arrangement     |      |           |
| Core diameter         | [mm] | 0.5       |
| Fibre material        |      | PMMA      |
| Fibre head material   |      | aluminium |
| Fibre sheath material |      | PE        |

### Accessories

|                        |                                  |
|------------------------|----------------------------------|
| Items supplied         | hexagon nuts: 4 x M4             |
|                        | tooth lock washers: 4            |
|                        | Adapter: OBF                     |
|                        | Adapter: OOF                     |
| Accessories (optional) | Cutter for fibre optics:, E20600 |

### Remarks

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