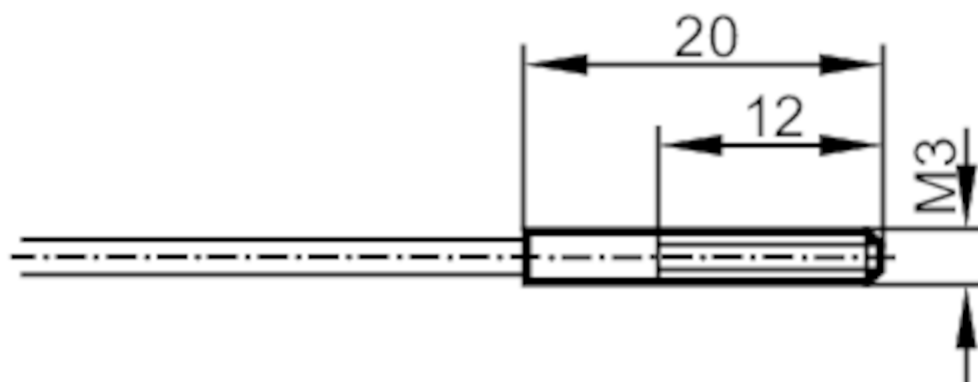




## Fibre optic diffuse reflection sensor

FT-11-EPA-M3/F217X0,06/2M



## Application

|                    |                           |
|--------------------|---------------------------|
| Function principle | Diffuse reflection sensor |
| Application        | Small bending radius      |

## Detection zone

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

## OB50

|                         |    |
|-------------------------|----|
| Range fibre optics [mm] | 10 |
|-------------------------|----|

## OBF

|                         |    |
|-------------------------|----|
| Range fibre optics [mm] | 10 |
|-------------------------|----|

## OO50

|                         |    |
|-------------------------|----|
| Range fibre optics [mm] | 30 |
|-------------------------|----|

## Operating conditions

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -40...60 |
|--------------------------|----------|

## Mechanical data

|                          |          |
|--------------------------|----------|
| Weight [g]               | 32.5     |
| Version of sensing head  | straight |
| Sensing head thread      | M3       |
| Sensing head length [mm] | 20       |
| Total length [mm]        | 2000     |

# E21107



## Fibre optic diffuse reflection sensor

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|                       |      |               |
|-----------------------|------|---------------|
| Min. bending radius   | [mm] | 3             |
| Fibre arrangement     |      | ⦿             |
| Core diameter         | [mm] | 0.5           |
| Fibre diameter        | [mm] | 2x 217 x 0.06 |
| External diameter     | [mm] | 1             |
| Fibre material        |      | PMMA          |
| Fibre head material   |      | aluminium     |
| Fibre sheath material |      | PE            |

### Accessories

|                        |                                  |
|------------------------|----------------------------------|
| Items supplied         | hexagon nuts: 2 x M3             |
|                        | tooth lock washers: 4            |
|                        | Adapter: OBF                     |
|                        | Adapter: OOF                     |
| Accessories (optional) | Cutter for fibre optics:, E20600 |

### Remarks

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