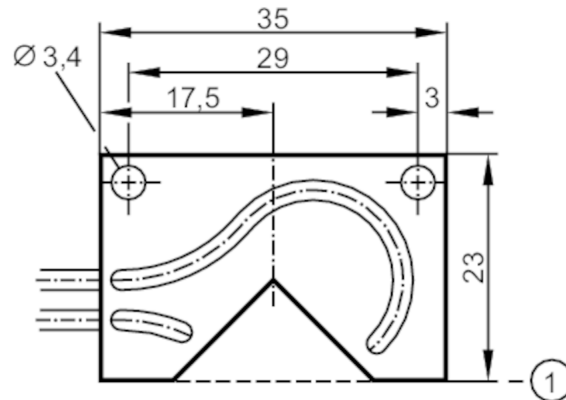




## Fiber optic diffuse reflection sensor

FT-11-EPA-Q-/F2x1/2M



1 Reference edge

## Application

|                    |                           |
|--------------------|---------------------------|
| System             | Background suppression    |
| Function principle | Diffuse reflection sensor |
| Application        | Small bending radius      |

## Monitoring range

|                                       |                |
|---------------------------------------|----------------|
| Range with fiber optic amplifier type | OB50; OCF; OBF |
| Background suppression available      | yes            |

## OB50

|                         |   |
|-------------------------|---|
| Range fiber optics [mm] | 6 |
|-------------------------|---|

## OBF

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

## OCF (High Power)

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

## Operating conditions

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

## Mechanical data

|                          |             |
|--------------------------|-------------|
| Weight [g]               | 54          |
| Sensing head height [mm] | 5           |
| Sensing head width [mm]  | 35          |
| Sensing head length [mm] | 23          |
| Probe dimensions [mm]    | 5 x 35 x 23 |
| Total length [mm]        | 2000        |
| Min. bending radius [mm] | 10          |
| Fiber arrangement        | ●           |
| Core diameter [mm]       | 2 x 1       |
| Fiber material           | PMMA        |
| Fiber head material      | aluminum    |
| Fiber sheath material    | PE          |

E20756



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| Accessories            |                            |
|------------------------|----------------------------|
| Accessories (optional) | Cutter for fibers:, E20600 |
| Remarks                |                            |
| Pack quantity          | 1 pcs.                     |