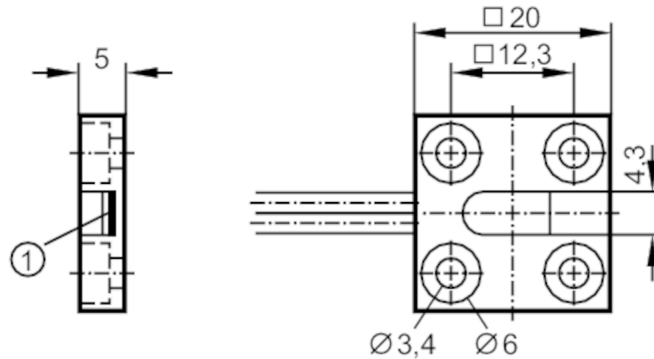


## Fibre optic diffuse reflection sensor

FT-11-EPA-Q-/2xF16x0,265/2M

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1 light emission

## Application

|                    |                           |
|--------------------|---------------------------|
| Design             | Cross section converter   |
| Function principle | Diffuse reflection sensor |

## Detection zone

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

## OB50

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

## OBF

|                         |    |
|-------------------------|----|
| Range fibre optics [mm] | 75 |
|-------------------------|----|

## OO50

|                         |     |
|-------------------------|-----|
| Range fibre optics [mm] | 200 |
|-------------------------|-----|

## Operating conditions

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

## Mechanical data

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Weight [g]               | 50.2                                                                                  |
| Sensing head height [mm] | 5                                                                                     |
| Sensing head width [mm]  | 20                                                                                    |
| Sensing head length [mm] | 20                                                                                    |
| Sensing head length [mm] | 5 x 20 x 20                                                                           |
| Total length [mm]        | 2000                                                                                  |
| Min. bending radius [mm] | 9                                                                                     |
| Fibre arrangement        |  |
| Core diameter [mm]       | 2 x 16 x 0.25                                                                         |
| Fibre material           | PMMA                                                                                  |
| Fibre head material      | aluminium                                                                             |
| Fibre sheath material    | PE                                                                                    |

## Accessories

|                        |                                 |
|------------------------|---------------------------------|
| Accessories (optional) | Cutter for fibre optics, E20600 |
|------------------------|---------------------------------|

E20758



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Remarks

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

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