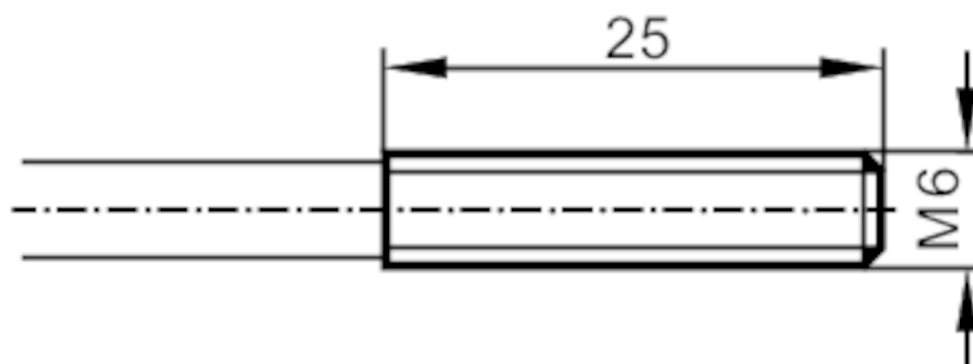


## Fibre optic diffuse reflection sensor

FT-00-P-A-M6/1M



## Application

|                    |                                    |
|--------------------|------------------------------------|
| Function principle | Diffuse reflection sensor          |
| Application        | For use in industrial environments |

## Detection zone

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

## OCF (High Power)

|                         |     |
|-------------------------|-----|
| Range fibre optics [mm] | 340 |
|-------------------------|-----|

## OKF

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

## OUF

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

## Operating conditions

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -20...80 |
|--------------------------|----------|

## Mechanical data

|                          |          |
|--------------------------|----------|
| Weight [g]               | 50       |
| Version of sensing head  | straight |
| Sensing head thread      | M6       |
| Sensing head length [mm] | 25       |
| Total length [mm]        | 1000     |

# E20083



## Fibre optic diffuse reflection sensor

FT-00-P-A-M6/1M

|                       |      |                                       |
|-----------------------|------|---------------------------------------|
| Min. bending radius   | [mm] | 20                                    |
| Fibre arrangement     |      |                                       |
| Materials             |      | Adapter: PPE                          |
| Fibre material        |      | glass                                 |
| Fibre head material   |      | aluminium                             |
| Fibre sheath material |      | PVC                                   |
| <b>Accessories</b>    |      |                                       |
| Items supplied        |      | hexagon nuts: 2 x M6, stainless steel |
|                       |      | tooth lock washers: 2                 |
|                       |      | knurled nut: 1 x M11                  |
| <b>Remarks</b>        |      |                                       |
| Pack quantity         |      | 1 pcs.                                |