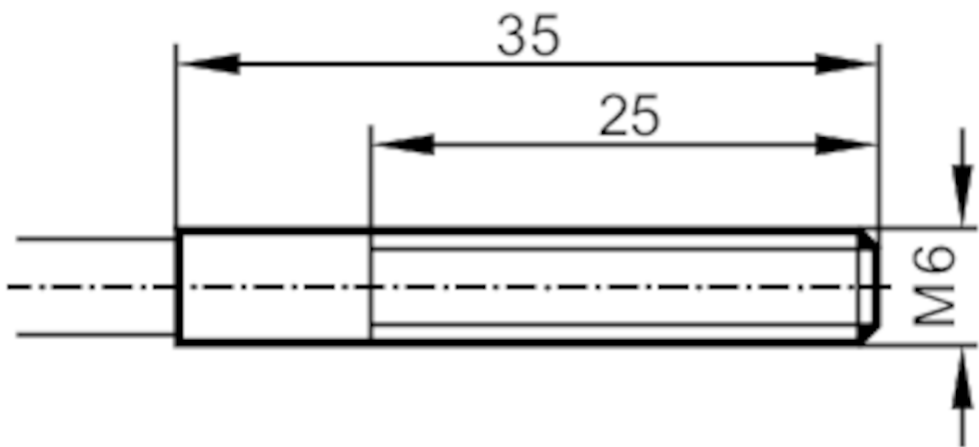




Fibre optic diffuse reflection sensor

FT-00-PPV-M6



| Application                           |      |                           |
|---------------------------------------|------|---------------------------|
| Function principle                    |      | Diffuse reflection sensor |
| Detection zone                        |      |                           |
| Range with fibre optic amplifier type |      | OKF; OUF; OOF             |
| OKF                                   |      |                           |
| Range fibre optics                    | [mm] | 20                        |
| OOF                                   |      |                           |
| Range fibre optics                    | [mm] | 220                       |
| OUF                                   |      |                           |
| Range fibre optics                    | [mm] | 20                        |
| Operating conditions                  |      |                           |
| Ambient temperature                   | [°C] | -20...80                  |

# E20443



## Fibre optic diffuse reflection sensor

FT-00-PPV-M6

| Mechanical data          |                                       |
|--------------------------|---------------------------------------|
| Weight [g]               | 47.2                                  |
| Version of sensing head  | straight                              |
| Sensing head thread      | M6                                    |
| Sensing head length [mm] | 35                                    |
| Total length [mm]        | 600                                   |
| Min. bending radius [mm] | 10                                    |
| Fibre arrangement        |                                       |
| Materials                | Adapter: ABS                          |
| Fibre material           | PMMA                                  |
| Fibre head material      | stainless steel (1.4305 / 303)        |
| Fibre sheath material    | PU                                    |
| Accessories              |                                       |
| Accessories (supplied)   | hexagon nuts: 4 x M6, stainless steel |
|                          | tooth lock washers: 2                 |
|                          | knurled nut: 1 x M11                  |
| Remarks                  |                                       |
| Pack quantity            | 1 pcs.                                |