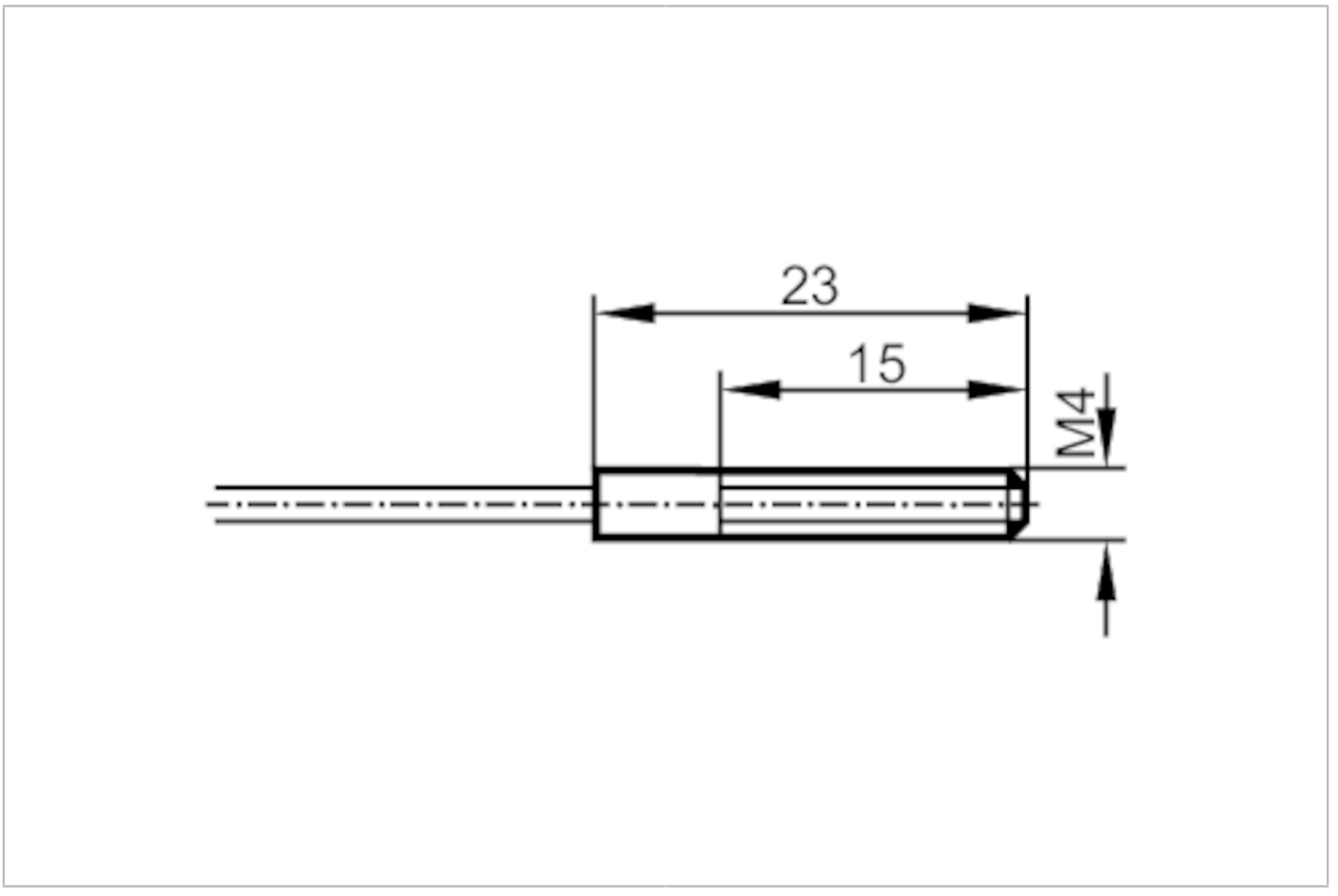
# E21106

## Fibre optic diffuse reflection sensor

FT-11-EPA-M4/F217X0,06/2M




| | | |
|---|---|---|
| **Application** | | |
| Function principle | | Diffuse reflection sensor |
| Application | | Small bending radius |
| **Detection zone** | | |
| Range with fibre optic amplifier type | | OB50; OBF; OCF; OO50 |
| OB50 | | |
| Range fibre optics | [mm] | 10 |
| OBF | | |
| Range fibre optics | [mm] | 10 |
| OCF (High Power) | | |
| Range fibre optics | [mm] | 320 |
| OO50 | | |
| Range fibre optics | [mm] | 30 |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -40...60 |
| **Mechanical data** | | |
| Weight | [g] | 33.5 |
| Version of sensing head | | straight |
| Sensing head thread | | M4 |

# E21106

## Fibre optic diffuse reflection sensor

FT-11-EPA-M4/F217X0,06/2M

| | | |
|---|---|---|
| Sensing head length | [mm] | 23 |
| Total length | [mm] | 2000 |
| 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 M4 |
| | | tooth lock washers: 2 |
| | | knurled nut: 1 x M11 |
| | | Adapter: 1 x OCF |
| Accessories (optional) | | Cutter for fibre optics:, E20600 |
| **Remarks** | | |
| Pack quantity | | 1 pcs. |