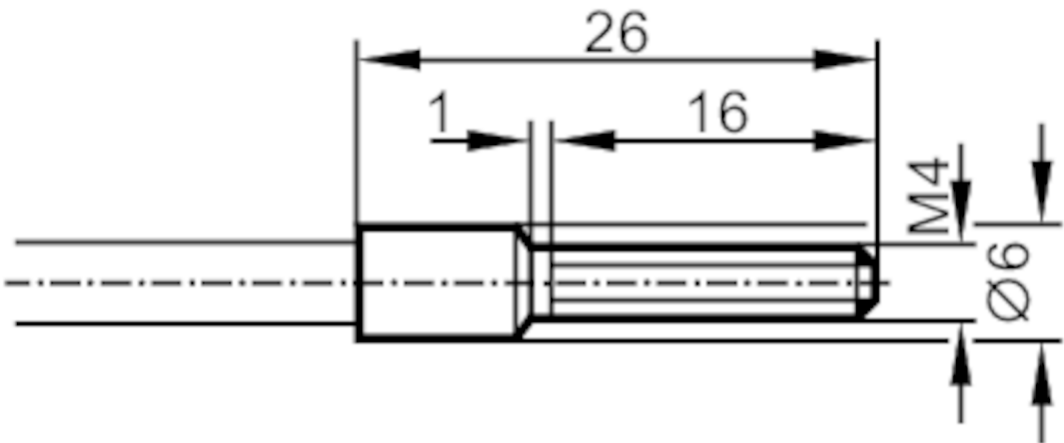




Fibre optic diffuse reflection sensor

FT-11-EPA-M4/F1X1+16X0,265/2M



| Application                           |      |                           |
|---------------------------------------|------|---------------------------|
| 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] | 90                        |
| OO50                                  |      |                           |
| Range fibre optics                    | [mm] | 300                       |
| Operating conditions                  |      |                           |
| Ambient temperature                   | [°C] | -40...70                  |

# E20651



## Fibre optic diffuse reflection sensor

FT-11-EPA-M4/F1X1+16X0,265/2M

| Mechanical data          |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|
| Weight [g]               | 44.8                                                                                |
| Version of sensing head  | straight                                                                            |
| Sensing head thread      | M4                                                                                  |
| Total length [mm]        | 2000                                                                                |
| Min. bending radius [mm] | 30                                                                                  |
| Fibre arrangement        |  |
| Core diameter [mm]       | 1 x 1 + 16 x 0.25                                                                   |
| Fibre material           | PMMA                                                                                |
| Fibre head material      | aluminium                                                                           |
| Fibre sheath material    | PE                                                                                  |
| Accessories              |                                                                                     |
| Accessories (supplied)   | hexagon nuts: 2 x M4<br>tooth lock washers: 2                                       |
| Accessories (optional)   | Cutter for fibre optics, E20600                                                     |
| Remarks                  |                                                                                     |
| Pack quantity            | 1 pcs.                                                                              |