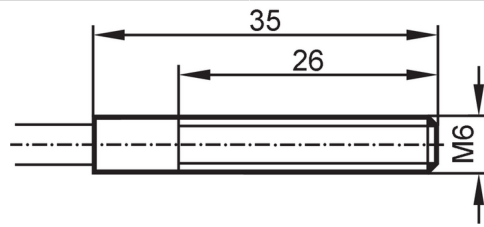


# E20654



## Fiber optic diffuse reflection sensor

FT-11-EPA-M6/F1X1+16X0,265/2M



| Application                           |      |  |
|---------------------------------------|------|--|
| Function principle                    |      | Diffuse reflection sensor                                      |
| Application                           |      | For use in industrial environments                             |
| Monitoring range                      |      |  |
| Range with fiber optic amplifier type |      | OB50; OBF; OCF; OO50   |
| OB50                                  |      |  |
| Range fiber optics                    | [mm] | 60   |
| OBF                                   |      |  |
| Range fiber optics                    | [mm] | 90   |
| OCF (High Power)                      |      |  |
| Range fiber optics                    | [mm] | 1140   |
| OO50                                  |      |  |
| Range fiber optics                    | [mm] | 300  |
| Operating conditions                  |      |  |
| Ambient temperature                   | [°C] | -40...70   |
| Mechanical data                       |      |  |
| Weight                                | [g]  | 48.5   |
| Version of sensing head               |      | straight   |
| Sensing head thread                   |      | M6   |
| Sensing head length                   | [mm] | 35   |
| Total length                          | [mm] | 2000   |
| Min. bending radius                   | [mm] | 30   |
| Fiber arrangement                     |      |  |
| Core diameter                         | [mm] | 1 x 1 + 16 x 0.25  |
| Fiber material                        |      | PMMA   |
| Fiber head material                   |      | aluminum   |
| Fiber sheath material                 |      | PE   |
| Accessories                           |      |  |
| Items supplied                        |      | Hexagon nuts: 2 x M6, stainless steel<br>tooth lock washers: 2 |
| Accessories (optional)                |      | Cutter for fibers: E20600                                      |
| Remarks                               |      |  |
| Pack quantity                         |      | 1 pcs.   |