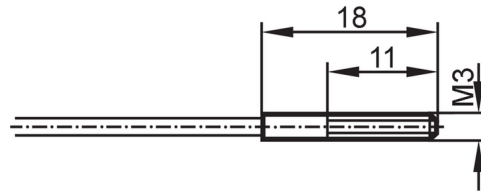


E20712



Fiber optic diffuse reflection sensor

FT-11-EPA-M3/F2X0,5/2M



Application

| | |
|--------------------|---------------------------|
| Function principle | Diffuse reflection sensor |
| Application | Small bending radius |

Monitoring range

| | |
|---------------------------------------|----------------------|
| Range with fiber optic amplifier type | OB50; OBF; OCF; OO50 |
|---------------------------------------|----------------------|

OB50

| | |
|-------------------------|----|
| Range fiber optics [mm] | 20 |
|-------------------------|----|

OBF

| | |
|-------------------------|----|
| Range fiber optics [mm] | 25 |
|-------------------------|----|

OCF (High Power)

| | |
|-------------------------|-----|
| Range fiber optics [mm] | 500 |
|-------------------------|-----|

OO50

| | |
|-------------------------|----|
| Range fiber optics [mm] | 60 |
|-------------------------|----|

Operating conditions

| | |
|--------------------------|----------|
| Ambient temperature [°C] | -40...70 |
|--------------------------|----------|

Mechanical data

| | |
|--------------------------|----------|
| Weight [g] | 32.5 |
| Version of sensing head | straight |
| Sensing head thread | M3 |
| Sensing head length [mm] | 20 |
| Total length [mm] | 2000 |
| Min. bending radius [mm] | 10 |
| Fiber arrangement | ⊙ |
| Core diameter [mm] | 2 x 0.5 |
| Fiber material | PMMA |
| Fiber head material | aluminum |
| Fiber sheath material | PE |

Accessories

| | |
|------------------------|----------------------------|
| Items supplied | Hexagon nuts: 2 x M3 |
| | tooth lock washers: 2 |
| | Adapter: 1 x OBF |
| | Adapter: 1 x OCF |
| Accessories (optional) | Adapter: 1 x OOF |
| | Cutter for fibers:, E20600 |

Remarks

| | |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|