



# More Precision

**ELTROTEC // Industrial Endoscopes**



## Optical fiber for Light Sources

### Type EL 1/4 1800 MEP/S

- Glass fibers with a high packing fraction
- Total fiber bundle 4mm /1,800mm long
- Metal protective tube with PVC coating

### Liquid fiber optic cable type FL 1/4 1800

- Greater bend radii than glass fiber lighting cables
- Lighting bundle  $\varnothing$  4mm
- Metal protective tube with PVC coating



Fiber optic cable EL

Article	Article no.
Optical fiber EL 1/4 1800 MEP with Lemo 1 adapter	20710831
Optical fiber EL 1/4 1800 MEP/S with universal adapter	20711767
Liquid fiber optic cable FL 1/4 1800 MEP with Lemo 1 adapter	20710446
Liquid fiber optic cable FL 1/4 1800 MEP/S with universal adapter	20711803
Lemo 1 to optical fiber	21061030

## Fiber-Optic Lighting Units

### ELTROTEC components for visual inspections

Fiber optic lighting units are used to facilitate the static illumination of objects. A range of attachments enables inaccessible objects to be accessed and illuminated. Light source, fiber optic cable and attachment produce an effective lighting unit.

Fiber optic cable*	Article no.
Fiber optic cable, UL1 - 1200	20710424
Fiber optic cable, UL1 - 1800	20710425

\*in metal tube with PVC coating, outer  $\varnothing$  8mm, bundle  $\varnothing$  4mm, FOT adapter

Gooseneck attachment	Article no.
Gooseneck attachment from semi-rigid metal tube, chrome plated. Diameter of fiber bundle 3mm. Attachable to cable type UL	20710430

Rigid probe*	Article no.
Straight model, UST/A	21060435
Slightly angled, UST/C	21060436
Angled at 90°, UST/B, r=10mm	21060547

\* attachable to UL optical fiber, length 150mm, outer  $\varnothing$  3mm, bundle  $\varnothing$  2mm for the illumination of drill holes, specially for tool making

Focussing lens	Article no.
Focussing lens*, UFL	21060438

\*attachable to UL optical fiber



## High performance sensors made by Micro-Epsilon



Sensors and systems for displacement and position



Sensors and measurement devices for non-contact temperature measurement



2D/3D profile sensors (laser scanner)



Optical micrometers, fiber optic sensors and fiber optics



Color recognition sensors, LED analyzers and color online spectrometer



Measurement and inspection systems