



More Precision

ELTROTEC // Industrial Endoscopes



Optical fibre for Light Sources

Type EL 1/4 1800 MEP/S

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

Liquid fibre optic cable type FL 1/4 1800

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



Fibre optic cable EL

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

Fibre-Optic Lighting Units

ELTROTEC components for visual inspections

Fibre 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, fibre optic cable and attachment produce an effective lighting unit.

| Fibre optic cable* | Article no. |
|-------------------------------|-------------|
| Fibre optic cable, UL1 - 1200 | 20710424 |
| Fibre 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 fibre 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 fibre, 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 fibre



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, fibre optic sensors and fibre optics



Colour recognition sensors, LED analyzers and colour online spectrometer



Measurement and inspection systems