

## Rigid endoscopes ME

For inspecting miniature components



### Application:

For inspecting of straight bores, channels etc. on miniature components in the field of micro-electronics and precision engineering.

### Execution:

- High-quality quartz fibres
- Soft, offset knurls for focus and focus adjustment
- Remote focusing ring for diopter adjustment
- Focusable from 1 mm to infinity
- Temperature in air: Complete endoscope: -20°C to +50°C, (endoscope probe only: up to +60°C)
- Pressure resistance in air: up to 5 bar
- Fluid resistance: Endoscope probe can be submerged for a short time in water, salt solution (5%), kerosene, petrol, diesel or 70% alcohol
- Humidity: up to 95% at 40°C (non-condensing)

### Advantage:

- Light flexible probe, robust in application with high breaking resistance
- Optimised fibre-optic connection for the best possible light efficiency
- Can be adapted for camera systems for documentation tasks
- Large range with probe diameters from 0.9 to 2 mm in 0.1 mm gradations
- Bespoke models optional on request



<b>Art. no.</b>	<b>41451 828</b>
<b>Brand</b>	MICRO-EPSILON
<b>Manufacturer Part Number</b>	20531970
<b>Model</b>	ME
<b>Probe diameter</b>	1.8 mm
<b>Outer diameter</b>	1.8 mm
<b>Effective length of endoscope</b>	100 mm
<b>Line of sight</b>	90 Degree
<b>Opening angle</b>	70 Degree
<b>Endoscope tube</b>	Rigid
<b>Fiber optic connection</b>	Light guide connection 5mm
<b>Resolution (pixels)</b>	10 pix
<b>Lens system</b>	Quartz image guide
<b>Diameter eye funnel</b>	31.75 mm
<b>Connection thread lens</b>	M12x1
<b>Gross Weight</b>	1.700 kg
<b>Product Group</b>	4EA