



fibers LL3, Fibers, through-beam system

LL3-TH17



Model Name > [LL3-TH17](#)
Part No. > [5325967](#)



At a glance

- Heat-resistant plastic and glass fiber-optic cables
- Glass fiber-optic cable with metallic sheath
- Suitable for high-temperature applications up to +350°C

Your benefits

- Very large selection of fiber-optic cables with plastic and glass fibers, giving users more application flexibility
- Resistant to damage caused by mechanical and chemical stress, as well as high temperatures
- Standard and customer-specific types
- Simple installation saves time
- For detection of objects, surfaces, leading edges, and fluid levels

Features

For fiber-optic sensor:	WLL170-2/WLL170T-2, WLL180T, WLL190T-2
Device type:	Fibers
Jacket material:	PFA
Core material:	Si
Sleeve material:	Brass (Br)
Diameter, connection:	2.2 mm
Mounting sleeve dimension:	4
Bend radius, fibre-optic cable:	25 mm
Heat resistance:	130 °C
Ambient operating temperature:	-60 °C ... 130 °C
Minimal object diameter:	0.06 mm ¹⁾
Core structure:	1.5 mm
Fiber-optic cable cuttable ²⁾ :	✓
Thread sleeve:	-
Sleeve:	-
90° offset:	-
Flat housing:	-
High flexible:	-
Long end sleeve:	-
Array:	-
High temperature:	✓
Oil/chemical resistant:	-
Lcd/clear material/semiconductor:	-
Vacuum:	-

1) Minimum detectable object was determined at optimal measuring distance and optimal setting 2) FC fiber optic cable cutter included in delivery

Operating mode 16 μ s:	230 mm
Operating mode 70 μ s:	690 mm
Operating mode 250 μ s:	1,100 mm
Operating mode 2 ms:	2,300 mm
Operating mode 8 ms:	2,400 mm

Redlight 250 μ s:	600 mm
Greenlight 250 μ s:	400 mm
Highspeed 50 μ s:	250 mm

Technical drawing of a mechanical assembly. The drawing shows a cross-section of a component with a central hole. The dimensions are as follows:

- Overall width: 2000
- Distance from left edge to center hole: 3,5
- Distance from center hole to right edge: 13
- Distance from center hole to right edge (inner): 12
- Central hole diameter: $\varnothing 3$
- Thread specification: M4 x 0,7
- Right edge diameter: $\varnothing 2,2$
- Left edge diameter: $\varnothing 1,5 \times 1$

Alle Maße in mm

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