



fibers
LL3, Fibers, through-beam system

LL3-TH06



Model Name > [LL3-TH06](#)
Part No. > [5325926](#)



At a glance

- For installation at sites with limited space
- The smooth sleeve is simply secured by a setscrew

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:	WLL160(T), WLL170-2/WLL170T-2, WLL180T, WLL190T-2
Device type:	Fibers
Jacket material:	PC
Diameter, connection:	1 mm
Mounting sleeve dimension:	Ø 2.5 mm
Bend radius, fibre-optic cable:	10 mm
Heat resistance:	105 °C
Ambient temperature operation:	-40 °C ... 105 °C
Fiber-optic cable cuttable ¹⁾ :	✓
Thread sleeve:	-
Sleeve:	✓
90° offset:	✓
Flat housing:	-
High flexible:	-
Long end sleeve:	-
Array:	-
High temperature:	-
Oil/chemical resistant:	-
Lcd/clear material/semiconductor:	-
Vacuum:	-
Robotics:	-
Retro-reflective:	-
Liquid level:	-
Category fiber-optic cables:	90° deflection, Smooth sleeve
Fiber length:	1,000 mm

1) FC fiber optic cable cutter included in delivery

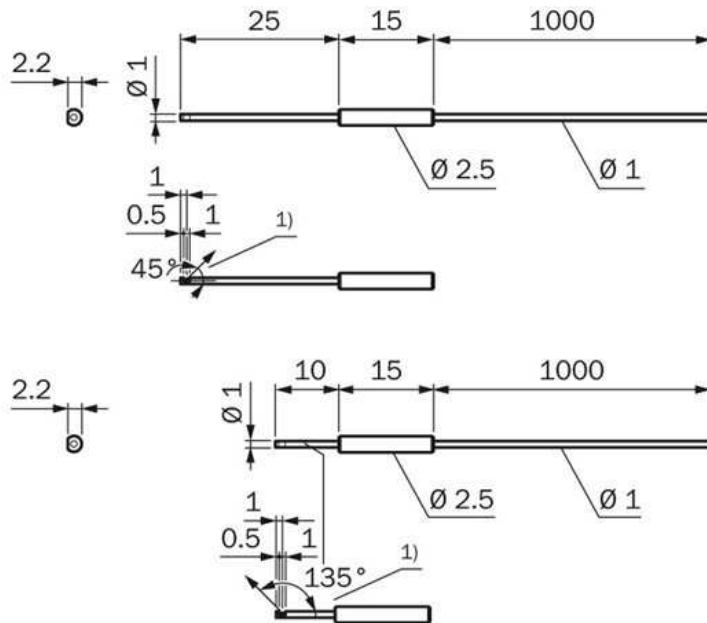
Sensing range with WLL180T

Operating mode 16 μ s:	6 mm
Operating mode 70 μ s:	19 mm
Operating mode 250 μ s:	38 mm
Operating mode 2 ms:	74 mm
Operating mode 8 ms:	130 mm

Sensing range with WLL170-2

Redlight 250 μ s:	18 mm
Greenlight 250 μ s:	11 mm
Highspeed 50 μ s:	7 mm

Dimensional drawing



1) angle of beam All dimensions in mm

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