



fibers  
LL3, Fibers, proximity system

LL3-DV06



**Model Name** > [LL3-DV06](#)  
**Part No.** > [5322550](#)



**At a glance**

- Space-saving installation
- Axial cable outlet is available which prevents loops and potential damage to the cable

**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:	PE
Core material:	PMMA
Sleeve material:	PA
Diameter, connection:	2.2 mm
Mounting sleeve dimension:	M6
Bend radius, fibre-optic cable:	25 mm
Heat resistance:	105 °C
Ambient temperature operation:	-40 °C ... 105 °C
Minimal object diameter:	0.015 mm <sup>1)</sup>
Fiber-optic cable cuttable <sup>2)</sup> :	✓
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:	-
Special features:	90° deflection integrated, minimum insertion depths
Category fiber-optic cables:	90° deflection, Threaded sleeve, Heat-resistant
Fiber length:	2,000 mm

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

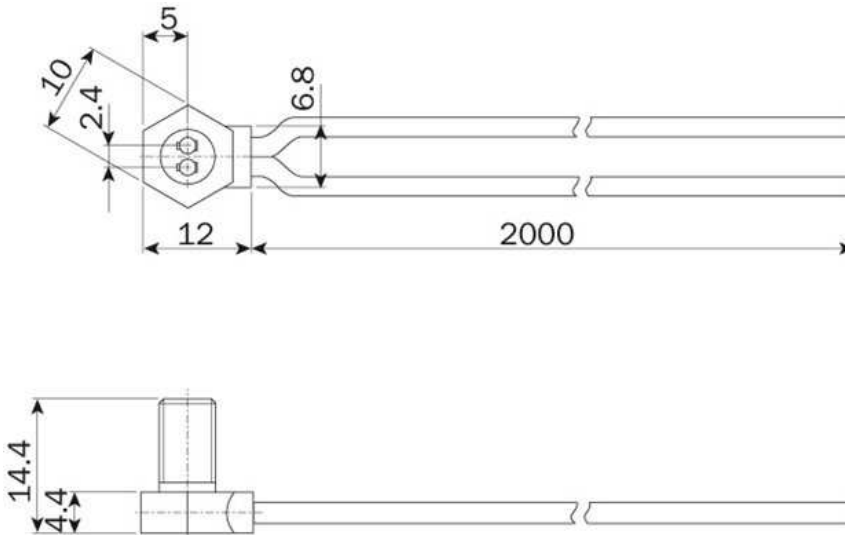
### Sensing range with WLL180T

Operating mode 16 µs:	30 mm
Operating mode 70 µs:	130 mm
Operating mode 250 µs:	210 mm
Operating mode 2 ms:	450 mm
Operating mode 8 ms:	800 mm

### Sensing range with WLL170-2

Redlight 250 µs:	47 mm
Greenlight 250 µs:	12 mm
Highspeed 50 µs:	12 mm

### Dimensional drawing



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