



fibers  
LL3, Fibers, through-beam system

LL3-TS15



**Model Name** > [LL3-TS15](#)  
**Part No.** > [1047299](#)



**At a glance**

- Detection of objects with various shapes
- Detection of objects whose position constantly changes, e.g., free-falling objects
- Front-edge detection

**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:	Al
Fiber-optic cable cuttable:	-
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:	-



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