



fibers  
LL3, Fibers, proximity system

LL3-DF01



**Model Name** > [LL3-DF01](#)  
**Part No.** > [5308094](#)



**At a glance**

- Fiber-optic cable for pipe mounting or for immersion into the liquid
- Models for immersion are made of PTFE and are therefore suitable for the food industry
- Leak 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

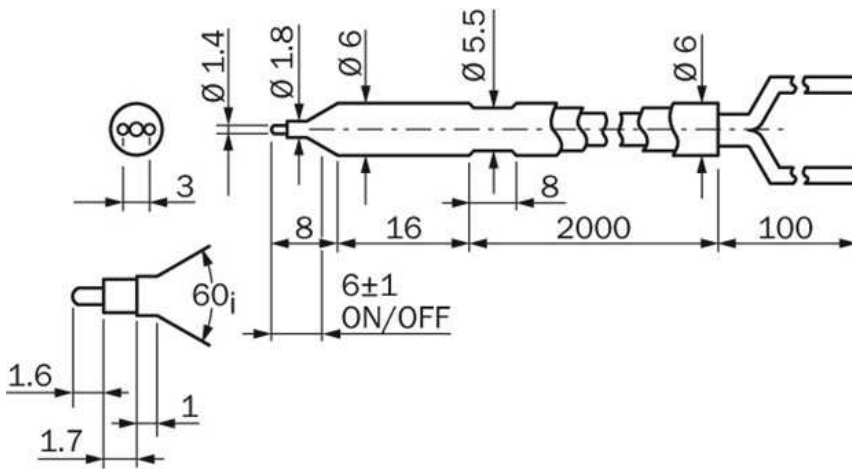
**Features**

Device type:	Fibers
Jacket material:	PTFE
Core material:	PMMA
Sleeve material:	PTFE
Diameter, connection:	2.2 mm
Mounting sleeve dimension:	Ø 6 mm
Bend radius, fibre-optic cable:	60 mm
Heat resistance:	+70 °C
Ambient temperature operation:	-40 °C ... +70 °C
Core structure:	2 x : Ø 1,0 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:	Special applications: level switch for clear liquids, chemically resistant
Category fiber-optic cables:	Liquid level
Fiber length:	2,000 mm
For fiber-optic sensor:	WLL160(T), WLL170-2/WLL170T-2, WLL180T, WLL190T-2

1) C = Coaxial, S = Sender, E = Receiver 2) FC fiber optic cable cutter included in delivery

**Dimensional drawing**



For transparent liquids

All dimensions in mm

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