



fibers
LL3, Fibers, proximity system

LL3-DH01-03



Model Name > [LL3-DH01-03](#)
Part No. > [5321260](#)



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:	WLL160(T), WLL170-2/WLL170T-2, WLL180T, WLL190T-2
Device type:	Fibers
Jacket material:	FEP
Core material:	PMMA
Sleeve material:	Stainless steel
Diameter, connection:	2.2 mm
Mounting sleeve dimension:	M6
Bend radius, fibre-optic cable:	35 mm
Heat resistance:	180 °C
Ambient temperature operation:	-40 °C ... 180 °C
Minimal object diameter:	0.015 mm ¹⁾
Core structure:	2 x : Ø 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:	-

Robotics:	-
Retro-reflective:	-
Liquid level:	-
Category fiber-optic cables:	Threaded sleeve, Heat-resistant
Fiber length:	3,000 mm

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

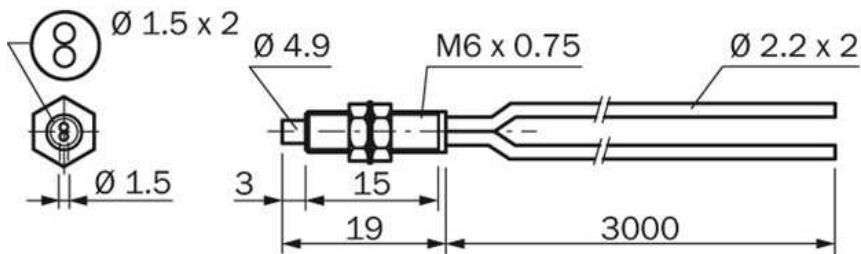
Sensing range with WLL180T

Operating mode 16 μ s:	100 mm
Operating mode 70 μ s:	300 mm
Operating mode 250 μ s:	500 mm
Operating mode 2 ms:	850 mm
Operating mode 8 ms:	1,400 mm

Sensing range with WLL170-2

Redlight 250 μ s:	150 mm
Greenlight 250 μ s:	40 mm
Highspeed 50 μ s:	85 mm

Dimensional drawing



All dimensions in mm

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