



fibers
LL3, Fibers, proximity system

LL3-DK21



Model Name > [LL3-DK21](#)
Part No. > [5313023](#)



At a glance

- Quick and easy mounting
- Models with hexagonal flange for trouble-free mounting with only one nut
- Optional tip adapter for a larger detection distance and small objects

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

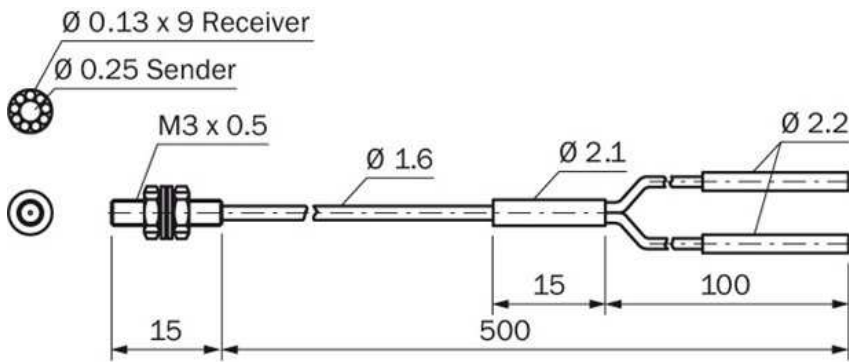
Features

Device type:	Fibers
Jacket material:	PE
Core material:	PMMA
Sleeve material:	Stainless steel ¹⁾
Diameter, connection:	1.3 mm
Mounting sleeve dimension:	M3
Bend radius, fibre-optic cable:	15 mm
Heat resistance:	+70 °C
Ambient temperature operation:	-40 °C ... +70 °C
Minimal object diameter:	0.015 mm ²⁾
Core structure:	C,S: Ø 0,25 mm, E: 10 x Ø 0,125 mm ³⁾
Fiber-optic cable cuttable ⁴⁾ :	-
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:	Coaxial construction for exact switching, compact head
Category fiber-optic cables:	Threaded sleeve
Fiber length:	500 mm
For fiber-optic sensor:	WLL160(T), WLL170-2/WLL170T-2, WLL180T, WLL190T-2

1) Stainless steel 2) Minimum detectable object was determined at optimal measuring distance and optimal setting 3) C = Coaxial, S = Sender, E = Receiver 4) FC
 fiber optic cable cutter included in delivery

Dimensional drawing



All dimensions in mm

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