LLTE-A1300111005E41ZZZZZZZS021

LLX

SICK
Sensor Intelligence.

FIBERS

LLTE-A1300111005E41ZZZZZZZS021 | LLX
FIBERS

Illustration may differ

Ordering information

Type	Part no.
LLTE-A1300111005E41ZZZZZZZS021	2128123

Included in delivery: LLAC-AB10 (1), LLAC-AB13 (1)

Other models and accessories ➜ www.sick.com/LLX

Detailed technical data

Features

Device type	Fibers
Functional principle	Proximity system
Fiber-optic cable cuttable	✓
Special features	Coaxial fiber arrangement
Adapter sleeves required	Yes (pre-mounted/bonded: 1 x LLAC-AB10/1 x LLAC-AB13)
Items supplied	M3 mounting set (2 x M3 nut + 2 x M3 washer), 2 x fiber adapter bushing (1 x LLAC-AB10 + 1 x LLAC-AB13)

Mechanical data

Housing		Cylindrical with thread
Design detail		Axial
Thread diameter (housing)		M3
Connection detail		
	Cable diameter	1 x 1.0 mm (sender) / 1 x 1.3 mm (receiver)
	Length of cable (L)	376 mm
	Bending radius	15 mm
Material		
	Housing	Stainless steel, Stainless steel V2A (1.4301)
	Cable	Plastic PE
	Fibers	Plastic, PMMA
Fiber diameter (and quantity of fibers)		1 x 0.5 mm (sender) / 9 x 0.25 mm (receiver)

Ambient data

Ambient operating temperature	–40 °C ... +60 °C
RoHS certificate	✓

Classifications

ECLASS 5.0	27270905
ECLASS 5.1.4	27270905
ECLASS 6.0	27270905
ECLASS 6.2	27270905
ECLASS 7.0	27270905

ECLASS 8.0	27270905
ECLASS 8.1	27270905
ECLASS 9.0	27270905
ECLASS 10.0	27270905
ECLASS 11.0	27270905
ECLASS 12.0	27270905
ETIM 5.0	EC002651
ETIM 6.0	EC002651
ETIM 7.0	EC002651
ETIM 8.0	EC002651
UNSPSC 16.0901	39121528

Sensing ranges with WLL180T

Operating mode 16 μs	33 mm
Operating mode 70 μs	98 mm
Operating mode 250 μs	164 mm
Operating mode 2 ms	288 mm
Operating mode 8 ms	407 mm

Sensing ranges with GLL170

Operating mode 250 μs	39 mm

Sensing ranges with GLL170T

Operating mode 50 μs	67 mm
Operating mode 250 μs	113 mm

Dimensional drawing (Dimensions in mm (inch))
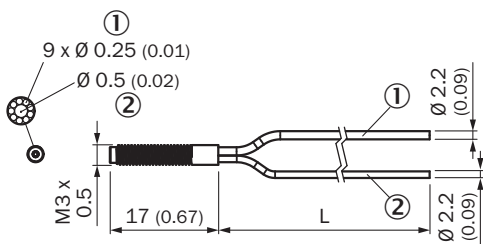
For length of cable (L), see technical data
① Receiver
② Sender

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

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