



LLSE-A2030111020C4

LLX

FIBERS

SICK
Sensor Intelligence.



Illustration may differ

Ordering information

Type	Part no.
LLSE-A2030111020C4	2115022

Included in delivery: LLAC-FC (1)

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

Detailed technical data

Features

Device type	Fibers
Functional principle	Through-beam system
Smooth sleeve diameter (housing)	3 mm
Fiber-optic cable cuttable	✓
Adapter sleeves required	No
Items supplied	1 x fiber cutter (LLAC-FC)

Mechanical data

Housing	Cylindrical smooth sleeve
Design detail	Axial
Connection detail	
Cable diameter	2,2 mm
Length of cable (L)	2 m
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 mm

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	150 mm
Operating mode 70 µs	420 mm
Operating mode 250 µs	850 mm
Operating mode 2 ms	1,500 mm
Operating mode 8 ms	2,700 mm

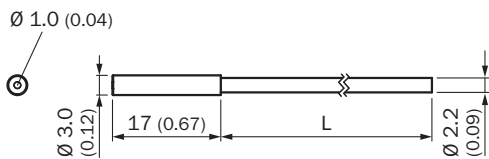
Sensing ranges with GLL170

Operating mode 250 µs	290 mm
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Sensing ranges with GLL170T

Operating mode 50 µs	400 mm
Operating mode 250 µs	600 mm


Dimensional drawing (Dimensions in mm (inch))



For length of cable (L), see technical data

Recommended accessories

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

	Brief description	Type	Part no.
Other adapters			
	Fiber cutting tool, in LLX scope of delivery	LLAC-FC	2119448

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