



Światłowody LL3, Światłowody, through-beam system

LL3-TB02



Nazwa modelu > LL3-TB02

Numer cz ci > 5308048



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

Cechy

For fiber-optic sensor:	WLL160(T), WLL170-2/WLL170T-2, WLL180T, WLL190T-2
Typ urządzenia:	Światłowody
Jacket material:	PE
Core material:	PMMA
Sleeve material:	CuZn
Diameter, connection:	2,2 mm
Mounting sleeve dimension:	M4
Bend radius, fibre-optic cable:	25 mm
Heat resistance:	70 °C
Ambient operating temperature:	-40 °C ... 70 °C
Minimal object diameter:	0,2 mm ¹⁾
Core structure:	Ø 1 mm
Fiber-optic cable cuttable ²⁾ :	✓
Thread sleeve:	✓
Sleeve:	-
Suitable tip adaptor:	LL3-TA01, LL3-TA02
90° offset:	-
Flat housing:	-
High flexible:	-
Long end sleeve:	-
Array:	-
High temperature:	-
Oś optyczna:	-
Tryby pracy lasera:	-

Vacuum:	-
Robotics:	-
Retro-reflective:	-
Liquid level:	-
Funkcje specjalne:	Standard, compact end sleeve, large sensing range
Category fiber-optic cables:	Threaded sleeve
Fiber length:	2.000 mm

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

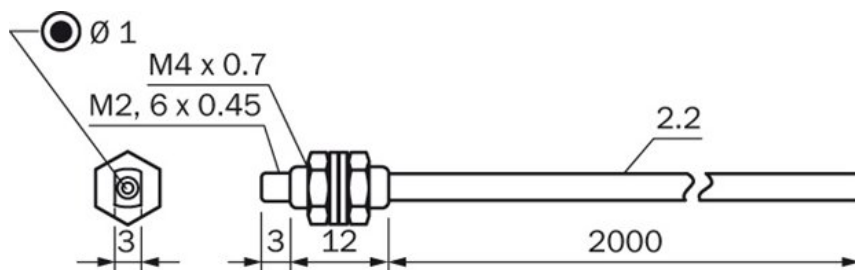
Strefa działania z WLL180T

Operating mode 16 μ s:	225 mm
Operating mode 70 μ s:	650 mm
Operating mode 250 μ s:	1.200 mm
Operating mode 2 ms:	2.500 mm
Operating mode 8 ms:	4.000 mm

Strefa działania z WLL170-2

Redlight 250 μ s:	470 mm
Greenlight 250 μ s:	135 mm
Highspeed 50 μ s:	165 mm

Dimensional drawing



All dimensions in mm

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