



# Światłowody

## LL3, Światłowody, proximity system

LL3-DB01



Nazwa modelu > LL3-DB01

Numer cz ci > 5308074



#### 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:	Stainless steel <sup>1)</sup>
Diameter, connection:	2,2 mm
Mounting sleeve dimension:	M6
Bend radius, fibre-optic cable:	25 mm
Heat resistance:	70 °C
Ambient operating temperature:	-40 °C ... 70 °C
Minimal object diameter:	0,015 mm <sup>2)</sup>
Core structure:	C,S: Ø 1,0 mm, E: 16 x Ø 0,25 mm <sup>3)</sup>
Fiber-optic cable cuttable <sup>4)</sup> :	✓
Thread sleeve:	✓
Sleeve:	-
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:	Coaxial construction for exact switching. Standard, large sensing range
Category fiber-optic cables:	Threaded sleeve
Fiber length:	2.000 mm

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

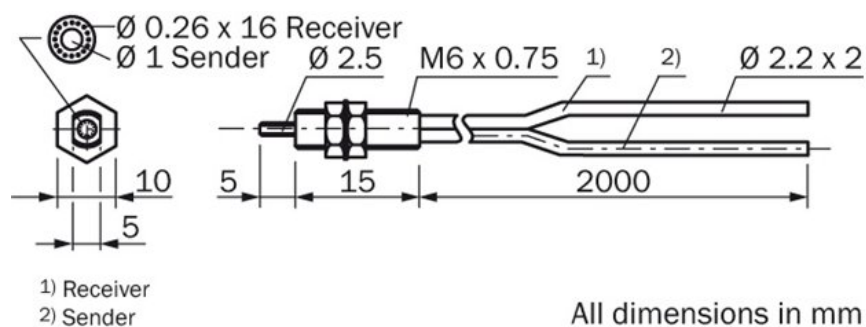
### Strefa działania z WLL180T

Operating mode 16 $\mu$ s:	90 mm
Operating mode 70 $\mu$ s:	280 mm
Operating mode 250 $\mu$ s:	500 mm
Operating mode 2 ms:	900 mm
Operating mode 8 ms:	1.350 mm

### Strefa działania z WLL170-2

Redlight 250 $\mu$ s:	160 mm
Greenlight 250 $\mu$ s:	37 mm
Highspeed 50 $\mu$ s:	62 mm

### Dimensional drawing



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