



fibers LL3, Fibers, proximity system

LL3-DC39



Model Name > [LL3-DC39](#)
Part No. > [5322513](#)



At a glance

- Detection of glass substrates
- Detection of solar wafers
- Indexation in FOUP for example

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

For fiber-optic sensor:	WLL160(T), WLL170-2/WLL170T-2, WLL180T, WLL190T-2
Device type:	Fibers
Jacket material:	PE
Core material:	PMMA
Diameter, connection:	1 mm
Mounting sleeve dimension:	18 x 12 x 4.3
Bend radius, fibre-optic cable:	10 mm
Heat resistance:	50 °C
Ambient operating temperature:	-40 °C ... 50 °C
Minimal object diameter:	0.02 mm ¹⁾
Core structure:	2 x : Ø 0,5 mm
Fiber-optic cable cuttable ²⁾ :	✓
Thread sleeve:	-
Sleeve:	-
90° offset:	-
Flat housing:	✓
High flexible:	-
Long end sleeve:	-
Array:	-
High temperature:	-
Oil/chemical resistant:	-
Lcd/clear material/semiconductor:	✓
Vacuum:	-
Robotics:	-

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

Operating mode 70 μ s:	4 mm
Operating mode 250 μ s:	4 mm
Operating mode 2 ms:	4 mm
Operating mode 8 ms:	4 mm

Redlight 250 μ s:	5 mm
Greenlight 250 μ s:	4 mm
Highspeed 50 μ s:	4 mm

Technical drawing of a cable assembly. The drawing shows a cross-section of the cable with dimensions and labels. The main cable has a diameter of $\varnothing 3.2 \times 2$. A smaller cable, labeled $\varnothing 1 \times 2$, is connected to the main cable. The distance between the two cables is 30. The main cable has a length of 2000. The distance from the main cable to the smaller cable is 18. The distance from the main cable to the smaller cable is 7. The distance from the main cable to the smaller cable is 5.5. The distance from the main cable to the smaller cable is 3.5. The distance from the main cable to the smaller cable is 4.3. The distance from the main cable to the smaller cable is 12.

fibers

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