



fibers LL3, Fibers, proximity system

LL3-DC04



Model Name > [LL3-DC04](#)
Part No. > [5326018](#)



At a glance

- Easy mounting
- Flush mounting in a single slot
- Background effects are minimized

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:	WLL180T, WLL190T-2
Device type:	Fibers
Jacket material:	PE
Core material:	PMMA
Sleeve material:	ABS
Diameter, connection:	1.3 mm
Mounting sleeve dimension:	29 x 20 x 4 mm
Bend radius, fibre-optic cable:	4 mm
Heat resistance:	70 °C
Ambient operating temperature:	0 °C ... 70 °C
Core structure:	S : 9 x 0.25 mm R : 9 x 0.25 mm
Fiber-optic cable cuttable ¹⁾ :	✓
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) FC fiber optic cable cutter included in delivery

Operating mode 16 μ s:	18 mm
Operating mode 70 μ s:	31 mm
Operating mode 250 μ s:	34 mm
Operating mode 2 ms:	38 mm
Operating mode 8 ms:	38 mm

Redlight 250 μ s:	20 mm
Greenlight 250 μ s:	15 mm
Highspeed 50 μ s:	20 mm

Technical drawing of a cable assembly. The drawing shows a cross-section of a cable with a diameter of $\varnothing 0.25 \times 9$. The cable is connected to a rectangular component with a width of 29 and a height of 10. The component has two circular features with a diameter of $\varnothing 1.3 \times 2$ and a distance of 20 between them. The component is secured with two screws labeled M3 x 2. The cable has a diameter of $\varnothing 3.2$ and a length of 3000. The drawing also shows a side view of the cable with a diameter of $\varnothing 3.8$ and a length of 20. The distance from the cable to the component is 2.5. The distance from the component to the cable is 18. The distance from the component to the cable is 6.5.

All dimensions in mm

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