



fibers
LL3, Fibers, proximity system

LL3-DC03



Model Name > [LL3-DC03](#)
Part No. > [5326020](#)



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:	2.2 mm
Mounting sleeve dimension:	30 x 25 x 7,3 mm
Bend radius, fibre-optic cable:	25 mm
Heat resistance:	70 °C
Ambient operating temperature:	-40 °C ... 60 °C
Minimal object diameter:	0.3 mm ¹⁾
Core structure:	2 x 1.5 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:	-

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

Operating mode 16 μ s:	60 mm
Operating mode 70 μ s:	75 mm
Operating mode 250 μ s:	85 mm
Operating mode 2 ms:	150 mm
Operating mode 8 ms:	280 mm

Redlight 250 μ s:	80 mm
Greenlight 250 μ s:	60 mm
Highspeed 50 μ s:	60 mm

Technical drawing of a mechanical assembly, likely a shaft-hub connection, showing dimensions and part labels.

Dimensions:

- Overall length: 4000
- Hub length: 30
- Hub inner diameter: $\varnothing 1.5 \times 1$
- Hub outer diameter: $\varnothing 2.2 \times 2$
- Hub thickness: 8
- Hub bore diameter: $\varnothing 3.2$
- Hub bore length: 19
- Hub bore offset: 6.5
- Shaft diameter: $\varnothing 3.2$
- Shaft length: 20
- Shaft diameter: $\varnothing 3.2 \times 2$
- Shaft diameter: $\varnothing 3.2 \times 3$
- Shaft length: 15
- Shaft offset: 7.5
- Shaft offset: 7.3
- Shaft offset: 7.5

Part Labels:

- $\varnothing 1.5 \times 1$
- $\varnothing 2.2 \times 2$
- $\varnothing 3.2$
- $\varnothing 3.2 \times 2$
- $\varnothing 3.2 \times 3$

fibers

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