



fibers
LL3, Fibers, proximity system

LL3-DB09



Model Name > [LL3-DB09](#)
Part No. > [5325991](#)



At a glance

- Space-saving installation
- Axial cable outlet is available which prevents loops and potential damage to the cable

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
Sleeve material:	Head: zinc, sleeve: stainless steel, head: brass
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:	0.02 mm ¹⁾
Core structure:	2 x 1.0 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:	47 mm
Operating mode 70 μ s:	165 mm
Operating mode 250 μ s:	285 mm
Operating mode 2 ms:	575 mm
Operating mode 8 ms:	610 mm

Redlight 250 μ s:	110 mm
Greenlight 250 μ s:	30 mm
Highspeed 50 μ s:	55 mm

Technical drawing of a cable assembly with dimensions in mm. The drawing shows a side view and a cross-section. The side view includes dimensions: 20, 60, 2000, 5, 13, 2, 5, 20, 90° ± 5°, and Ø 2.2 x 2. The cross-section shows dimensions: Ø 5, Ø 5.1, Ø 1.5 x 2, M6 x 0.75, Ø 4, Ø 1 x 2, and a circled 8. The text "All dimensions in mm" is at the bottom right.

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