



fibers
LL3, Fibers, proximity system

LL3-DR07



Model Name > [LL3-DR07](#)
Part No. > [5326007](#)



At a glance

- Sensor tip can be positioned closely to the object
- Flexible end sleeve is available as an option
- Extremely narrow access to place of detection

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:	Jacket: stainless steel, head: stainless steel
Diameter, connection:	2.2 mm
Mounting sleeve dimension:	Ø 3 mm
Bend radius, fibre-optic cable:	25 mm
Heat resistance:	60 °C
Ambient operating temperature:	-40 °C ... 70 °C
Minimal object diameter:	0.015 mm ¹⁾
Core structure:	2 x 0.25 mm
Fiber-optic cable cuttable:	-
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

Operating mode 16 μ s:	5 mm
Operating mode 70 μ s:	15 mm
Operating mode 250 μ s:	35 mm
Operating mode 2 ms:	65 mm
Operating mode 8 ms:	120 mm

Redlight 250 μ s: 7 mm
 Highspeed 50 μ s: 3 mm

Technical drawing of a cable assembly. The main view shows a cable with three sections of different diameters: $\varnothing 0.8$, $\varnothing 3$, and $\varnothing 1.2$. The dimensions are: 80, 15, 1000, 15, 100, and 25. A cross-section view on the left shows a cable with two conductors, labeled $\varnothing 0.25 \times 2$.

fibers

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