

## Accessories

applicable for D-Series optical distance sensors

# Datasheet

The D-Series optical distance sensors measure long distances up to 500 m with an accuracy of up to 1 mm, with the highest precision, reliability and speed, even in the most difficult situations.

For our optical distance sensors of the D-series we offer a wide range of accessories.

## Accessories

Article No.	Description
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35369

### Alignment Unit for D-Series

Allows +/-4° adjustment in two axis; ideal for distances up to about 300m; steel, zinc-plated; applicable for D-Series.



35404

### Protective Cover for Alignment Unit D-Series

For light, short-term outdoor applications; protection only with horizontal laser exit; no IP protection class; can only be used together with alignment unit for D-Series.



35368

### PROFINET Interface for D-Series

An exchangeable cover for self-installation; applicable for D-Series.



35382

### EtherNet/IP Interface for D-Series

An exchangeable cover for self-installation; applicable for D-Series.

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35383

### **EtherCAT Interface for D-Series**

An exchangeable cover for self-installation; applicable for D-Series.

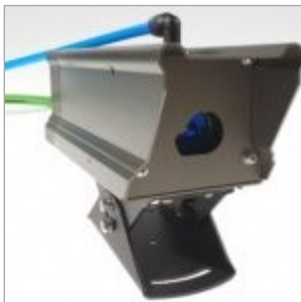


35406

### **Air-cooling jacket for D-Series optical distance sensors with standard interface**

This air-cooling jacket can be used with all D-Series optical distance sensors that are equipped with standard interfaces.

The sensor extensions PROFINET, Ethernet/IP and EtherCAT cannot be used with this air-cooling jacket.



35407

### **Air-cooling jacket for D-Series optical distance sensors with Industrial EtherNet**

This air-cooling jacket protects the D-Series optical distance sensors and cools it with air. It is used with the sensors that are equipped with the sensor extensions PROFINET, Ethernet/IP or EtherCAT.

The sensors that are equipped with standard interfaces require a different air-cooling jacket.



35408

### **Accessories for Starter Kit D-Series**

USB-cable 2 m, power supply, USB-stick with manual, utility software and accessories summary.



35395

### **Calibration Certificate**

Calibration certificate for new D-Series optical distance sensors (must be ordered together with the device).

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35396

### Recalibration Certificate

Recalibration with calibration certificate for used D-Series optical distance sensors.



35370

### Reflective Plate 210 x 297 mm

The reflective aluminium target plate provides a defined measuring target. It improves the reflected signal strength. This improved signal strength is used by the D-Series optical distance sensors to measure long-distance ranges. Please check the device specification to ensure the applicable minimum distances.



35394

### Reflective Foil 600 x 1200mm

The reflective foil provides a defined highly-reflecting measuring target. It improves the reflected signal strength. This improved signal strength is used by the D-Series optical distance sensors to measure long-distance ranges. Please check the device specification to ensure the applicable minimum distances.



35403

### Numeric Digital Display

Numeric digital display, 6 digits, digit height 14 mm; LED red; RS-232/485; reading distance: 1...5 m



35405

### Exchangeable Cover Assembly without Borehole



An exchangeable cover set for self-installation; applicable for D-Series.

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Article No.	Description
	<b>35391 Spare part kit D-Series</b> Includes 10 items: <ul style="list-style-type: none"><li>- cable glands M16x1.5 mm, black, plastic</li><li>- hexagonal nut brass M16x1.5 mm</li><li>- terminal block1 coded and printed</li><li>- terminal block2 coded and printed</li><li>- set screw M4x4 mm, Tuflock</li><li>- rear screw M2.5x18.5 mm, Freedriv</li></ul>
	<b>35411 Sensor cable, A-coded, 5 m</b> Sensor cable, A-coded, cable length 5 m, 1x M12 connector (socket), 5-pin, IP65, 1x open cable end, cable colour: grey; applicable for D-Series.
	<b>35409 Sensor cable, 2x D-coded, 5 m</b> Sensor cable, 2x D-coded, cable length 5 m, 2x M12 connector (plug), 4-pin, IP65, for Industrial Ethernet, cable colour: green; applicable for D-Series.
	<b>35410 Sensor cable, 2x D-coded-RJ45, 5 m</b> Sensor cable, 2x D-coded, cable length 5 m, 2x M12 connector (plug) to RJ45, 4-pin, for Industrial Ethernet, cable colour: green; applicable for D-Series.

**DIMETIX**

Manufacturer: LASER DISTANCE SENSORS

Without prior notice, the products may be subject to modifications that the Manufacturer reserves to introduce as deemed necessary for their improvement.