

## Technical data sheet

### Mounting plate

Part no.: 50152258

BT 500M

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For illustration purposes only

## Technical data

### Basic data

Suitable for	RSL 200 safety laser scanner
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### Mechanical data

Dimension (W x H x L)	106.4 mm x 51 mm x 9.3 mm
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Net weight	125 g
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Housing color	Black
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Design of mounting device	Mounting plate
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Type of fastening, at device	Screw type
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Mounting device material	Steel
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### Classification

Customs tariff number	73182900
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ECLASS 5.1.4	27279202
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ECLASS 8.0	27279202
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ECLASS 9.0	27273701
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ECLASS 10.0	27273701
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ECLASS 11.0	27273701
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ECLASS 12.0	27273701
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ECLASS 13.0	27273701
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ECLASS 14.0	27273701
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ECLASS 15.0	27273701
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ECLASS 16.0	27273701
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ETIM 5.0	EC002498
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ETIM 6.0	EC003015
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ETIM 7.0	EC003015
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ETIM 8.0	EC003015
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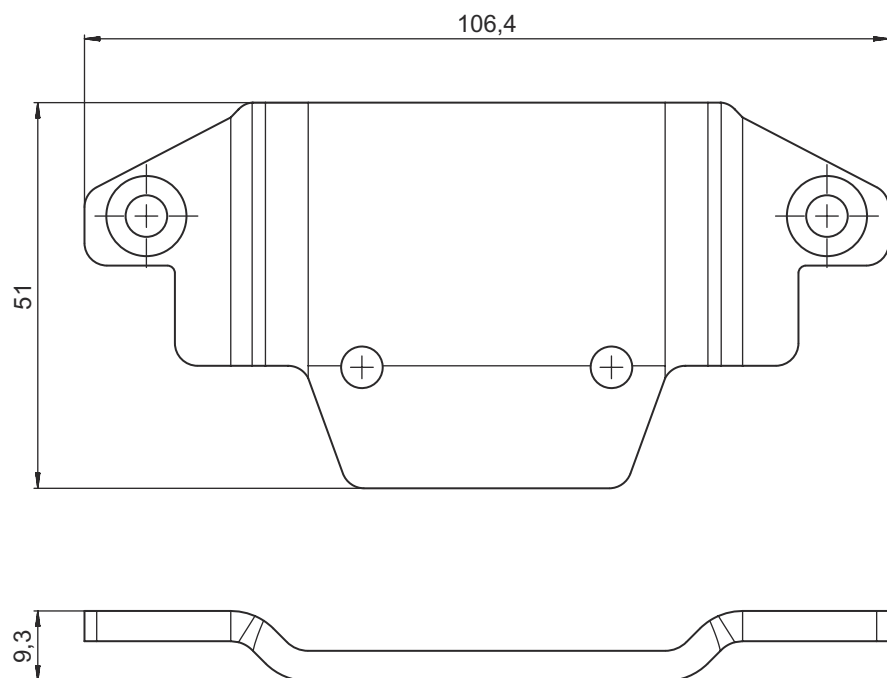
ETIM 9.0	EC003015
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ETIM 10.0	EC003015
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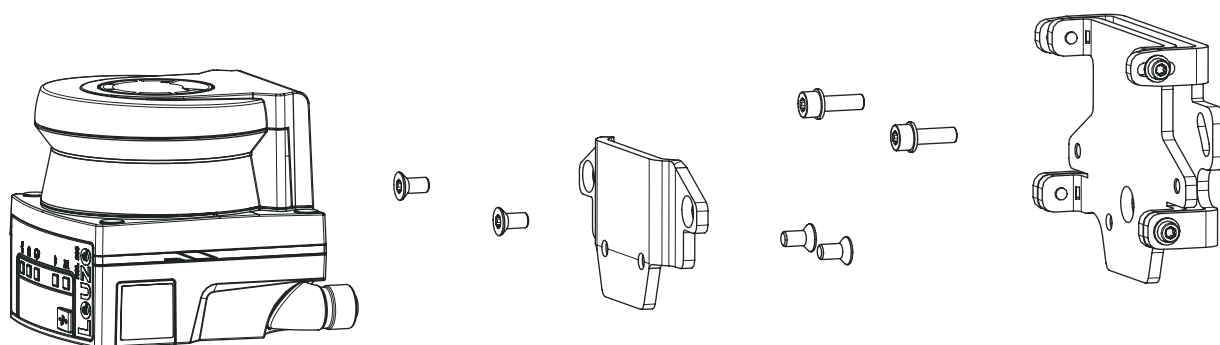
# Dimensioned drawings

All dimensions in millimeters

## Attachment adapter BT 500M



## Mounting with wall mount and attachment adapter



- Mount the wall mount on the system side. Two M5x16 cylinder head screws with washers are included for this purpose.
- Mount the safety sensor on the BT 500M attachment adapter using the enclosed M5x10 countersunk screws (tightening torque = 2.3 Nm).
- Mount the safety sensor (with the attachment adapter) on the BTU 500M mounting system. Fasten the countersunk head screw to 4.5 Nm.
- Align the safety sensor on the BTU 500M mounting system vertically and horizontally:
  - using the slotted holes in the wall section with the M5 cylinder head screws as well as
  - using the inclination via the slotted holes of the M4 cylinder head screws.
- After aligning the safety sensor, secure it by tightening the four M4 cylinder head screws to 3.0 Nm and the M5 cylinder head screws on the system side.

## Notes

### NOTE



↳ The scanner can also be mounted directly on the mounting system without the BT 500M attachment adapter. Please note that the scanning range is limited to  $-135^{\circ}$  ...  $+135^{\circ}$ .