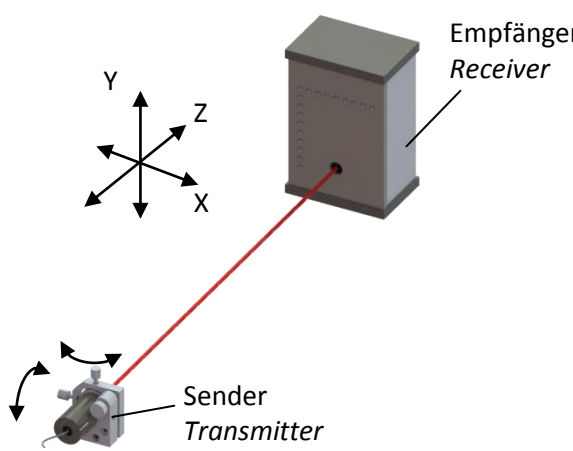
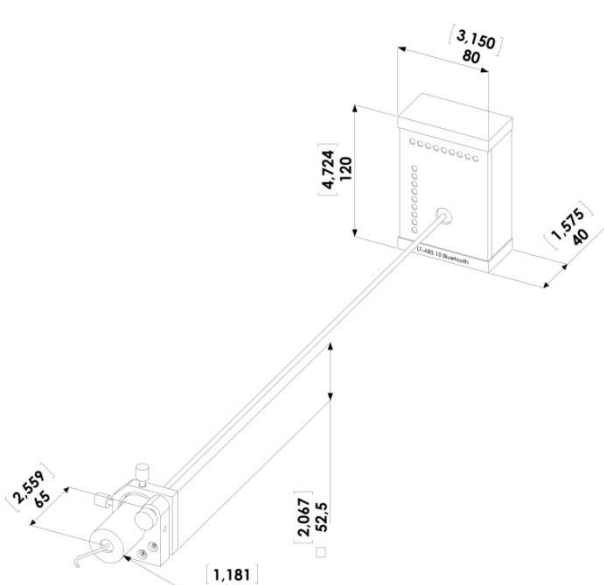


|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                   |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Bezeichnung:</b><br><i>Description:</i>                                                                   | <b>Ausrichtsystem - ZFM 409</b>                                                                                                                                                                                                                                                                                                                                                                            | <i>Aligner - ZFM 409</i>                                          |
| <b>Bestellnummer:</b><br><i>Order Number:</i>                                                                | <b>269305 – 6000 . 926</b>                                                                                                                                                                                                                                                                                                                                                                                 |                                                                   |
| <b>Typ:</b>                                                                                                  | Laserausrichtsystem                                                                                                                                                                                                                                                                                                                                                                                        | <i>Laser Alignment System</i>                                     |
| <b>Kurzbezeichnung:</b><br><i>Short term:</i>                                                                | -                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |
| <b>Abmessungen (LxBxH) mm:</b><br><i>Dimension (LxWxD ) inch:</i>                                            | 120 x 80 x 40 mm (Empfänger)<br>Ø 30 x 65 (Transmitter)                                                                                                                                                                                                                                                                                                                                                    | 4.724 x 3.150 x 1.575 (receiver)<br>Ø 1.181 x 2.559 (transmitter) |
| <b>Gewicht: [g]</b><br><i>Weight:</i>                                                                        | ca. 800 (Empfänger / receiver)<br>ca. 1500 (Sender / transmitter)                                                                                                                                                                                                                                                                                                                                          |                                                                   |
| <b>Erweiterte Spezifikationen:</b><br><b>(Empfänger)</b><br><i>Ext. specifications:</i><br><i>(receiver)</i> | Integrierter AKKU 4,8 VDC ca. 10 Stunden nutzbar<br>& Bluetooth -Datenübertragung<br><i>Integrated power pack, 4,8VDC ca. 10 hour useable<br/>&amp; Bluetooth data transfer</i>                                                                                                                                                                                                                            |                                                                   |
| <b>Anwendung :</b><br><i>Application:</i>                                                                    | <ul style="list-style-type: none"> <li>• Justage von Resonatorspiegeln (Laser)</li> <li>• Koordinatentische</li> <li>• Druckmaschinen</li> <li>• Werkzeugmaschinen</li> <li>• Web- und Strickmaschinen</li> <li>• Holzverarbeitungsmaschinen</li> <li>• Transferstraßen</li> <li>• Spiegel in gefalteten Lasern</li> </ul>                                                                                 |                                                                   |
|                                                                                                              | <ul style="list-style-type: none"> <li>• <i>Adjustment of resonator mirrors (laser)</i></li> <li>• <i>Laser beam guided stage straightness in X/Y stages</i></li> <li>• <i>Printing machines</i></li> <li>• <i>Machine tools</i></li> <li>• <i>Looms and knitting machines</i></li> <li>• <i>Woodworking machines</i></li> <li>• <i>Transfer line</i></li> <li>• <i>Mirror in folded lasers</i></li> </ul> |                                                                   |
| <b>Messauflösung:</b><br><i>Measurement resolution:</i>                                                      | 0,1 µm                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                   |
| <b>Messgenauigkeit:</b><br><i>Measuring accuracy:</i>                                                        | 1µm (bis 10m)<br>20µm (bis 40m)<br>1µm (bis 10 m)<br>20µm ( up to 40m)                                                                                                                                                                                                                                                                                                                                     |                                                                   |
| <b>Anzeige :</b><br><i>Screen:</i>                                                                           | 9 LED (grün, gelb, rot) für X und Y Richtung<br><i>9 LED (green, yellow, red) for x and y direction</i>                                                                                                                                                                                                                                                                                                    |                                                                   |
| <b>Toleranzbereiche :</b><br><i>Tolerance range:</i>                                                         | grün 0,08 mm , jede weitere LED +0,3mm<br><i>green 0.08mm , each other LED +0.3mm</i>                                                                                                                                                                                                                                                                                                                      |                                                                   |
| <b>PSD :</b>                                                                                                 | (10 x 10) mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |

|                                                               |                                                                                      |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Laser:</b><br><i>Laser:</i>                                | 635 nm   1mW   Laserklasse 2<br>635 nm   1mW   laser class 2                         |
| <b>Strahldivergenz:</b><br><i>Beam divergency:</i>            | 0,2mrad                                                                              |
| <b>Strahlrichtungsfehler:</b><br><i>Beam direction error:</i> | 0,05mrad                                                                             |
| <b>Bluetooth- Set:</b><br><i>Bluetooth- Set:</i>              | 100 m (Bluetooth Klasse 1)<br>100 m (Bluetooth class 1)                              |
| <b>Fotorealistische Aufnahme:</b><br><i>Picture:</i>          |   |
| <b>Zeichnung:</b><br><i>Drawing:</i>                          |  |

# Datenblatt Datasheet



| Erweitertes Zubehör:<br>Advanced accessories:: | BENENNUNG<br><i>Order no.:</i> | BESCHREIBUNG<br><i>Name</i>               |  |
|------------------------------------------------|--------------------------------|-------------------------------------------|--|
|                                                | 260297 – 9900 . 328            | Säule 200<br><i>Rod 200</i>               |  |
|                                                | 260298 – 3000 . 128            | Magnetfuß 506<br><i>Magnetic base 506</i> |  |
|                                                |                                |                                           |  |