

## 2 axis angular transducer

### 022562, 022563, 022564, 022566

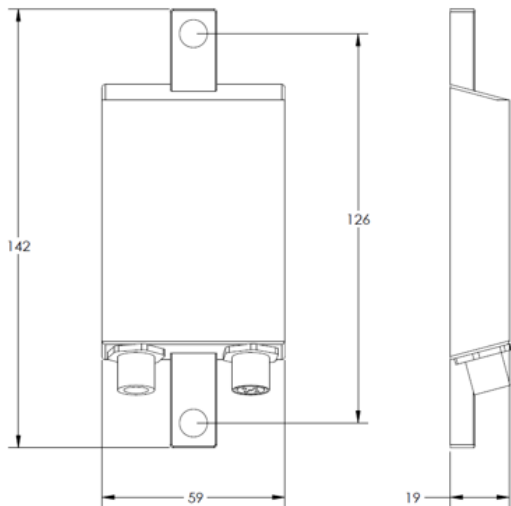


The transducer measures the angles compared to gravity.

The transducer has 2 connectors for the CAN-Open communication including power supply

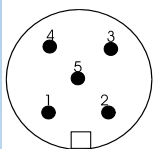
The device is built to be used in harsh environment where high accuracy is needed.

Normally used in a system together with other transducers to form a complete angle measuring instrument.



#### Technical data

|                          |   |
|--------------------------|---|
| <b>Supply voltage</b>    | 10 – 30 VDC   |
| <b>Power supply</b>      | <35mA   |
| <b>Measurement range</b> | 022562; 2 * ±180°, 125kbit<br>022563; 2 * ± 180°, 125kbit<br>022564; 2 * ± 180°, 250kbit<br>022566; 2 * ±180°, 125kbit flat |
| <b>Accuracy</b>          | ±0,2°   |
| <b>Resolution</b>        | Better than 0,01°   |
| <b>Temp. stability</b>   | ±130*10 <sup>-6</sup> / °C  |
| <b>Bus Connection</b>    | CAN-Open  |
| <b>Housing</b>           | Aluminum, anodized<br>(option, Stainless steel)   |
| <b>Mounting</b>          | 2 * M8 screws   |
| <b>Connection</b>        | Standard M12 A-code plug,<br>5 pin Male/Female  |
| <b>Operating temp.</b>   | -40 - +70°C   |
| <b>Protection</b>        | IP67  |



| PIN | Signal                      |
|-----|-----------------------------|
| 1   | Not Connected               |
| 2   | 10..30V DC (Supply voltage) |
| 3   | GND / 0V                    |
| 4   | CAN_H (dominant high)       |
| 5   | CAN_L (dominant low)        |