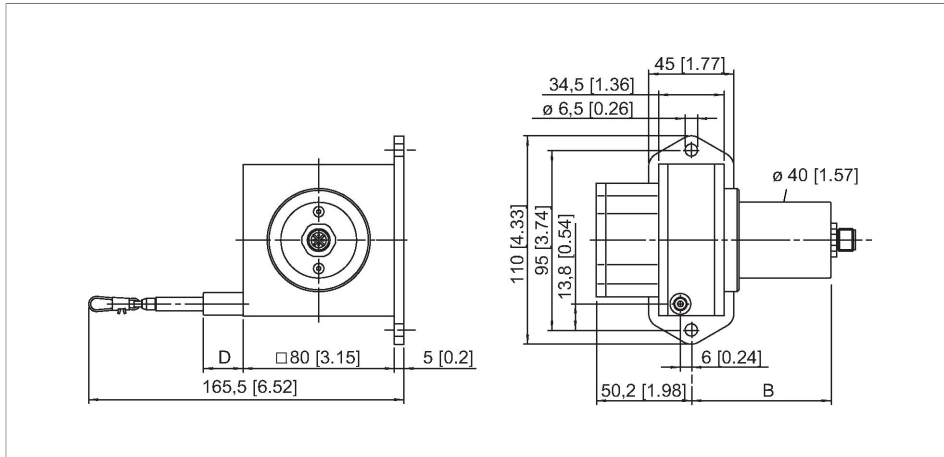


# DW2000-110-8C-H1441

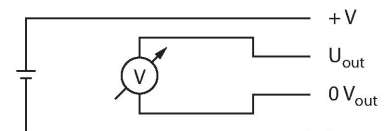
## Draw-Wire



### Features

- Measuring range up to 2000mm
- M12 connector
- Protection class: IP65 (Encoder)
- Analog output, 0...10V
- Supply voltage 12...30 VDC

### Wiring diagram



### Technical data

|                                        |                             |
|----------------------------------------|-----------------------------|
| Type                                   | DW2000-110-8C-H1441         |
| ID                                     | 1544544                     |
| General data                           |                             |
| Measuring range                        | 2000 mm                     |
| Linearity deviation                    | ≤ 0.1 %                     |
| Electrical data                        |                             |
| Operating voltage $U_B$                | 12...30 VDC                 |
| No-load current                        | ≤ 22.5 mA                   |
| Short-circuit protection               | yes                         |
| Wire break/reverse polarity protection | yes                         |
| Output function                        | 4-wire, Analog output       |
| Voltage output                         | 0...10 V                    |
| Current consumption                    | 22,5 mA                     |
| Mechanical data                        |                             |
| Design                                 | Draw Wire                   |
| Housing material                       | Titanium anodized aluminium |
| min. extension force                   | 6.4 N                       |
| max.extension force                    | 7.8 N                       |
| max. extension speed                   | 10 m/s                      |
| Pull acceleration max.                 | 140 m/s <sup>2</sup>        |
| wire material                          | Stainless steel             |
| Electrical connection                  | Connector, M12 × 1          |
| Environmental conditions               |                             |
| Ambient temperature                    | -20...+60 °C                |

Technical data

|                  |      |
|------------------|------|
| Protection class | IP65 |
|------------------|------|

|                   |                 |            |     |            |   |   |   |   |   |
|-------------------|-----------------|------------|-----|------------|---|---|---|---|---|
| Signal            | +U <sub>B</sub> | Analog out | Gnd | Analog Gnd | - | - | - | - | - |
| Pin configuration | 1               | 2          | 3   | 4          | - | - | - | - | - |

Accessories

|       |         |
|-------|---------|
| RDR-1 | 1544753 |
|-------|---------|

Deflection roller for aluminium draw-wire sensors

