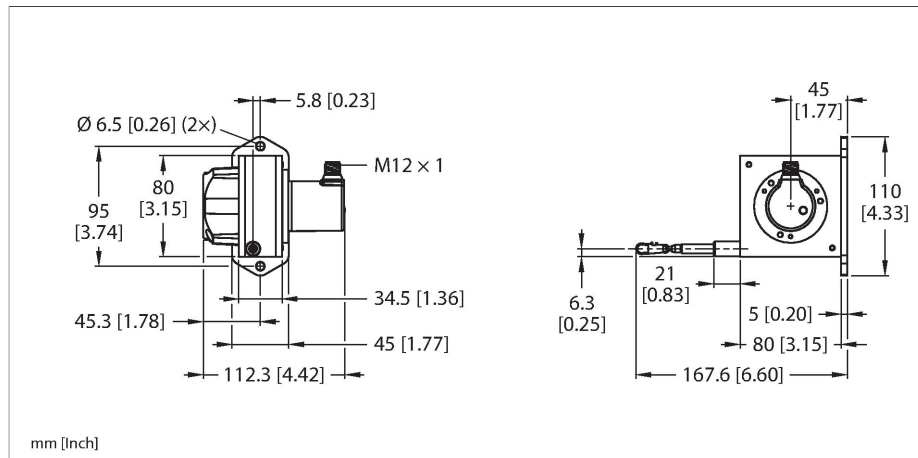


# DWE-1000-110-195-IOL32B-H1141

## Draw-Wire



### Technical data

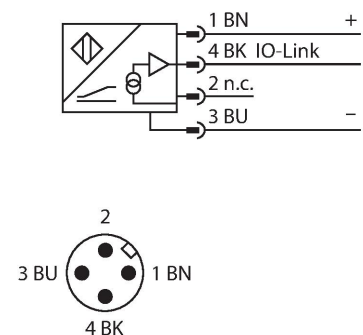
|                                        |                               |
|----------------------------------------|-------------------------------|
| Type                                   | DWE-1000-110-195-IOL32B-H1141 |
| ID                                     | 100049361                     |
| Measuring principle                    | Magnetic                      |
| <b>General data</b>                    |                               |
| Measuring range                        | 1000 mm                       |
| Linearity deviation                    | ≤ 0.05 %                      |
| <b>Electrical data</b>                 |                               |
| Operating voltage $U_B$                | 18...30 VDC                   |
| No-load current                        | ≤ 40 mA                       |
| Short-circuit protection               | yes                           |
| Wire break/reverse polarity protection | yes                           |
| Communication protocol                 | IO-Link                       |
| Output function                        | 4-pin                         |
| <b>IO-Link</b>                         |                               |
| IO-Link specification                  | V 1.1                         |
| Programming                            | FDT/DTM                       |
| <b>Mechanical data</b>                 |                               |
| Design                                 | Draw Wire                     |
| Housing material                       | Titanium anodized aluminium   |
| Encoder housing material               | Die-cast zinc                 |
| min. extension force                   | 4.2 N                         |
| max. extension force                   | 5.4 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            |



### Features

- Highly dynamic draw-wire sensor
- With permanently installed IO-Link encoder REM-E-195T10C-IOL32B-H1141
- Measuring principle: magnetic
- Sensor protection class IP65
- -20...+85 °C
- 18...30 VDC
- M12 × 1 connector, 4-pin

### Wiring diagram



Technical data

| Environmental conditions |              |
|--------------------------|--------------|
| Ambient temperature      | -20...+85 °C |
| Protection class         | IP65         |

Accessories

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

Deflection roller for aluminium draw-wire sensors

