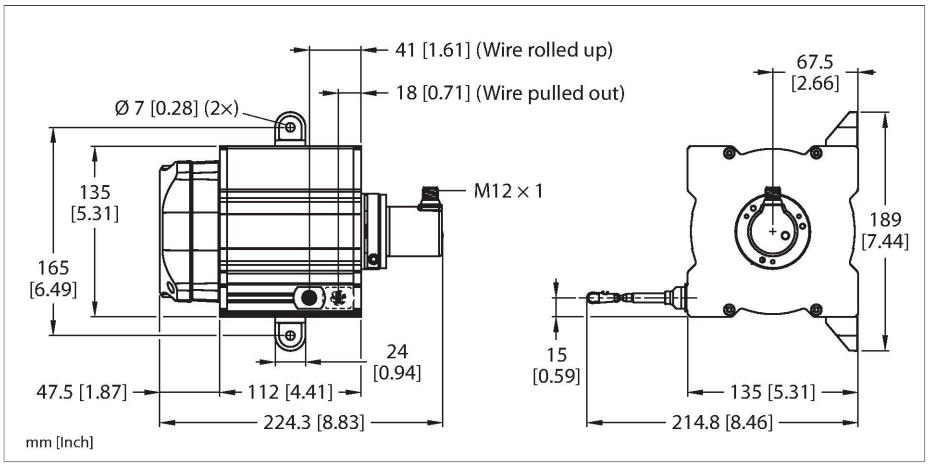
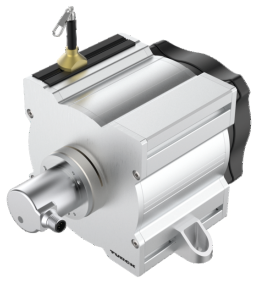
# DWE-20000-135-121-9D38B-H1151
# Draw-Wire



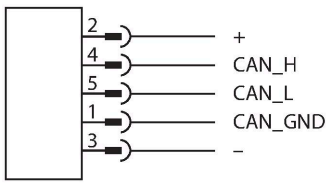
## Technical data

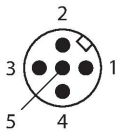
| | |
|---|---|
| Type | DWE-20000-135-121-9D38B-H1151 |
| ID | 100049434 |
| Measuring principle | Magnetic |
| **General data** | |
| Measuring range | 20000 mm |
| Linearity deviation | ≤ 0.05 % |
| **Electrical data** | |
| Operating voltage $U_B$ | 10…30 VDC |
| No-load current | ≤ 90 mA |
| Short-circuit protection | yes |
| Wire break/reverse polarity protection | yes |
| Communication protocol | CANopen |
| Interface | CAN High-Speed in accordance with ISO 11898, basic and full CAN, CAN specification 2.0 B |
| Node ID | 1…127 mit Software konfigurierbar |
| Baud rate | 10…1000 kbps can be configured using software |
| **Mechanical data** | |
| Design | Draw Wire |
| Housing material | Titanium anodized aluminium |
| Encoder housing material | Die-cast zinc |
| min. extension force | 7 N |
| max.extension force | 12.4 N |
| max. extension speed | 5 m/s |
| Pull acceleration max. | 60 m/s² |
| wire material | Stainless steel |
| Electrical connection | Connector, M12 × 1 |

## Features

- Highly dynamic draw-wire sensor
- With permanently installed CANopen encoder REM-E-121T10C-9D38B-H1151
- Measuring principle: magnetic
- Sensor protection class IP65
- -20…+85 °C
- 10…30 VDC
- CANopen
- M12 × 1 connector, 5-pin

## Wiring diagram

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## Technical data

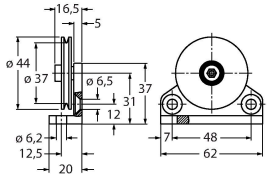
| Environmental conditions | |
|---|---|
| Ambient temperature | -20…+85 °C |
| Protection class | IP65 |

## Mounting instructions

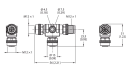
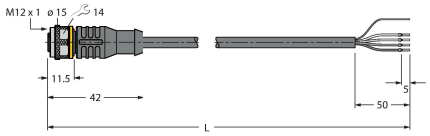
| Mounting instructions/Description |
|---|
| CANbus connection<br>The CANopen encoders are equipped with an M12 male connector and can be terminated in the device. The devices are not equipped with an integrated T-coupler and looped-through bus and should therefore be used only as end devices (see also Accessories). |

## Accessories

| RDR-1 | 1544753 |
|---|---|
| Deflection roller for aluminium draw-wire sensors | |




## Accessories

| Dimension drawing | Type | ID | |
|---|---|---|---|
|  | FSM-2FKM57 | 6622101 | CANopen/DeviceNet/power supply T-splitter, 1 × M12 male connector, 2 × M12 female connector, 5-pin |
|  | RKC5701-5M | 6931034 | Bus cable for CAN (DeviceNet, -CANopen), M12 female connector, straight, cable length: 5 m, jacket material: PUR, anthracite; cULus approval |



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