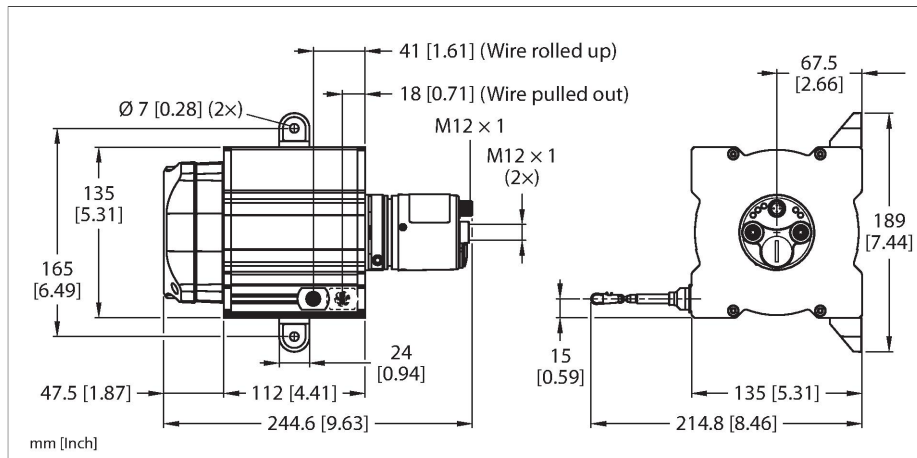


# DWE-15000-135-105-9E43B-B3M12

## Draw-Wire



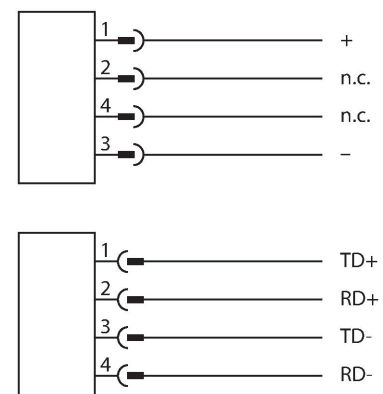
### Technical data

|                                        |                               |
|----------------------------------------|-------------------------------|
| Type                                   | DWE-15000-135-105-9E43B-B3M12 |
| ID                                     | 100049449                     |
| Measuring principle                    | Optical                       |
| <b>General data</b>                    |                               |
| Measuring range                        | 15000 mm                      |
| Linearity deviation                    | ≤ 0.05 %                      |
| <b>Electrical data</b>                 |                               |
| Operating voltage $U_B$                | 10...30 VDC                   |
| No-load current                        | ≤ 250 mA                      |
| Wire break/reverse polarity protection | yes                           |
| Communication protocol                 | PROFINET                      |
| <b>Mechanical data</b>                 |                               |
| Design                                 | Draw Wire                     |
| Housing material                       | Titanium anodized aluminium   |
| Encoder housing material               | aluminum                      |
| min. extension force                   | 8.7 N                         |
| max. extension force                   | 16.9 N                        |
| max. extension speed                   | 6 m/s                         |
| Pull acceleration max.                 | 80 m/s <sup>2</sup>           |
| wire material                          | Stainless steel               |
| Electrical connection                  | Connector, 3 x M12            |
| <b>Environmental conditions</b>        |                               |
| Ambient temperature                    | -20...+85 °C                  |
| Protection class                       | IP65                          |
| MTTF                                   | 19 years                      |

### Features

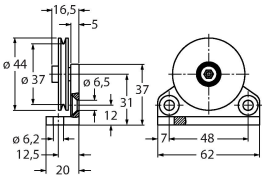
- Highly dynamic draw-wire sensor
- With permanently installed Profinet encoder REM-E-105T10C-9E43B-B3M12
- Measuring principle: optical
- Sensor protection class IP65
- -20...+85 °C
- 10...30 VDC
- PROFINET IO, RT and IRT up to 250 µs
- Encoder profile version 4.2
- Media Redundancy Protocol (MRP)
- Link Layer Discovery Protocol (LLDP)
- Simple Network Management Protocol (SNMP)
- Fast Startup (FSU)
- M12 x 3 connector, 4-pin

### Wiring diagram



Accessories

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



Accessories

| Dimension drawing | Type               | ID      |                                                                                                                                                               |
|-------------------|--------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | RSSD-RSSD-4422-2M  | 6635150 | Cable for Industrial Ethernet, M12 male connector, D-coded, straight to M12 male connector, D-coded, straight, cable length: 2 m, jacket material: PUR, green |
|                   | WSSD-WSSD-4422-2M  | 6635188 | Cable for Industrial Ethernet, M12 male connector, D-coded, angled to M12 male connector, D-coded, angled, cable length: 2 m, jacket material: PUR, green     |
|                   | RSSD-RJ45S-4422-2M | 6635170 | Cable for Industrial Ethernet, M12 male connector, D-coded, straight to RJ45 male connector, straight, cable length: 2 m, jacket material: PUR, green         |
|                   | RSSD-RJ45S-4422-7M | 6635579 | Cable for Industrial Ethernet, M12 male connector, D-coded, straight to RJ45 male connector, straight, cable length: 2 m, jacket material: PUR, green         |
|                   | RSSD-RJ45S-4422-8M | 6635538 | Cable for Industrial Ethernet, M12 male connector, D-coded, straight to RJ45 male connector, straight, cable length: 2 m, jacket material: PUR, green         |

| Dimension drawing                                                                 | Type          | ID      |                                                                                                                         |
|-----------------------------------------------------------------------------------|---------------|---------|-------------------------------------------------------------------------------------------------------------------------|
|  | RKC4.4T-2/TXL | 6625503 | Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PUR, black; cULus approval |
|  | WKC4.4T-2/TXL | 6625515 | Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PUR, black; cULus approval   |