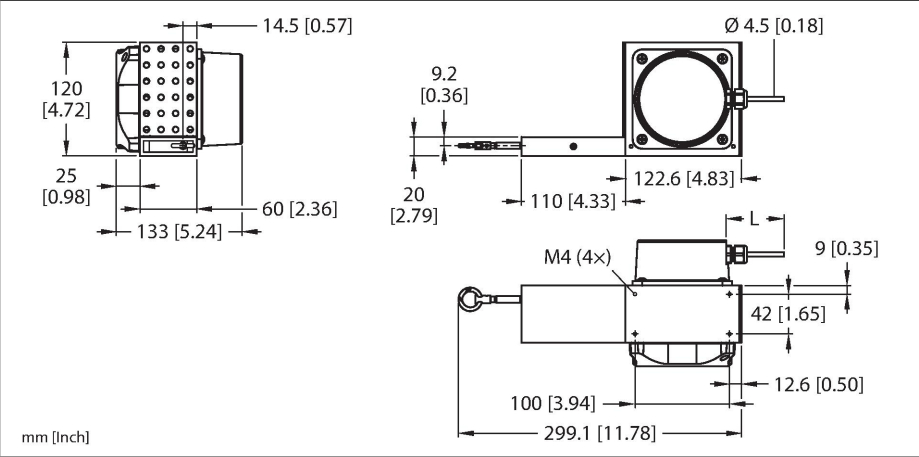


# DWE-5000-120-8C-C

## Draw-Wire



### Technical data

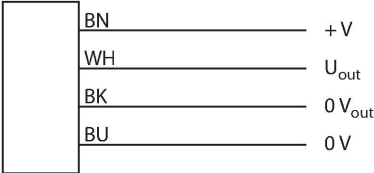
|                                        |                     |
|----------------------------------------|---------------------|
| Type                                   | DWE-5000-120-8C-C   |
| ID                                     | 100049461           |
| Measuring principle                    | Potentiometer       |
| General data                           |                     |
| Measuring range                        | 5000 mm             |
| Resolution                             | 16 bit              |
| Linearity deviation                    | ≤ 0.5 %             |
| Electrical data                        |                     |
| Operating voltage U <sub>B</sub>       | 12...30 VDC         |
| No-load current                        | ≤ 10 mA             |
| Short-circuit protection               | yes                 |
| Wire break/reverse polarity protection | no/yes              |
| Output function                        | Analog output       |
| Voltage output                         | 0...10 V            |
| Mechanical data                        |                     |
| Design                                 | Draw Wire           |
| Housing material                       | Aluminum/plastic    |
| min. extension force                   | 7 N                 |
| max.extension force                    | 13 N                |
| max. extension speed                   | 3 m/s               |
| Pull acceleration max.                 | 50 m/s <sup>2</sup> |
| wire material                          | Stainless steel     |
| Electrical connection                  | Cable               |
| cable length                           | 2 m                 |
| Environmental conditions               |                     |
| Ambient temperature                    | -20...+85 °C        |
| Relative humidity                      | ≤ 90 %              |



### Features

- Measuring range up to 5000 mm
- Cable connection
- Sensor protection class IP69K
- -20...+85 °C
- 12...30 VDC
- Analog output, 0...10 V
- Cable connection, TPE, 2 m

### Wiring diagram



Technical data

|                  |       |
|------------------|-------|
| Protection class | IP69K |
|------------------|-------|

Accessories

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

Deflection roller for aluminium draw-wire sensors

