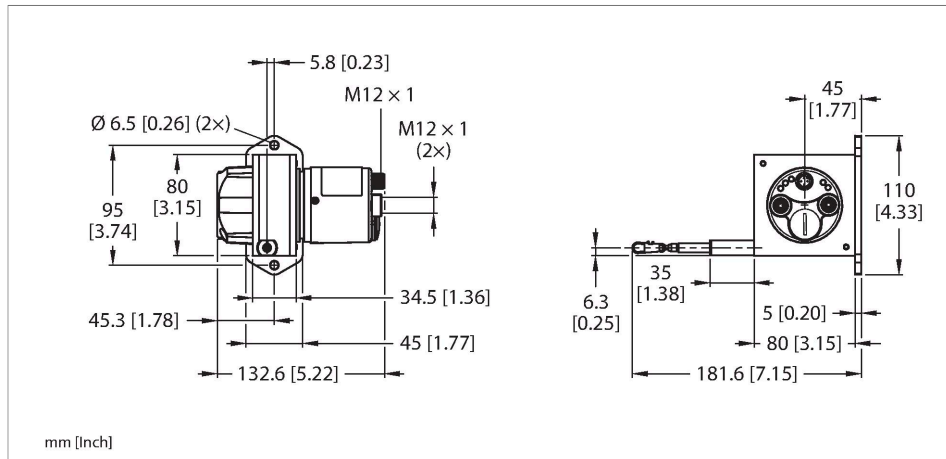


# DW3000-110-105-9N43B-B3M12

## Draw Wire Encoder Assembly – Absolute



### Technical data

Type	DW3000-110-105-9N43B-B3M12
ID	200017095
Measuring principle	Optical
<b>General data</b>	
Measuring range	3000 mm
Linearity deviation	≤ 0.05 %
<b>Electrical data</b>	
Communication protocol	EtherNet/IP
<b>Mechanical data</b>	
Design	Draw Wire
Housing material	Titanium anodized aluminium
Encoder housing material	aluminium
min. extension force	5 N
max. extension force	6.4 N
max. extension speed	10 m/s
Pull acceleration max.	140 m/s <sup>2</sup>
wire material	Stainless steel

### Features

- Highly dynamic draw-wire sensor
- With permanently installed Ethernet encoder RM-105T10C-9N43B-B3M12
- Measuring principle: optical
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- Protection class: IP67
- EtherNet/IP™
- Male connector, M12 x 3, male connector 4-pin
- Resolution: 43 bits on measuring range
- Measuring range can be scaled via teach-in inputs
- Start of the measuring range: U<sub>b</sub> for min. 1 s on teach 1
- End of the measuring range: U<sub>b</sub> for min. 1 s on teach 2

## Technical data

### Environmental conditions

## Accessories

**RDR-1****1544753**

Deflection roller for aluminium draw-wire sensors

