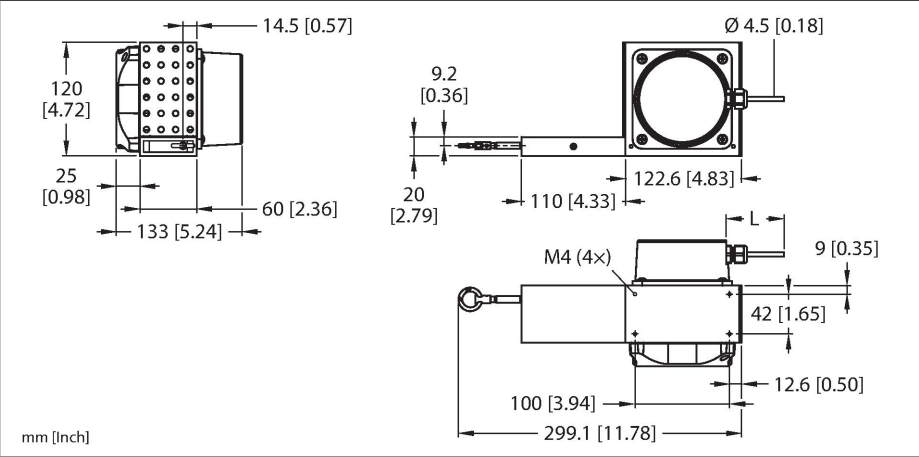


DWE-5000-120-9D16B-C

Draw-Wire



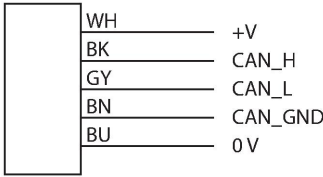
Technical data

Type	DWE-5000-120-9D16B-C
ID	100049465
Measuring principle	Potentiometer
General data	
Measuring range	5000 mm
Resolution	16 bit
Linearity deviation	≤ 0.5 %
Electrical data	
Operating voltage U _B	8...30 VDC
Wire break/reverse polarity protection	no/yes
Communication protocol	CANopen
Output function	5-wire
Interface	CAN High-Speed in accordance with ISO 11898, basic and full CAN, CAN specification 2.0 B
Node ID	1...127 einstellbar über SDO, Werkseinstellung: 7
Baud rate	20...1000 kbit/s adjustable via SDO, factory setting 250 kbit/s
Sample rate	1000 Hz
Current consumption	10 mA at 24 VDC, typically
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 ²
wire material	Stainless steel

Features

- Measuring range up to 5000 mm
- Cable connection
- Sensor protection class IP69K
- -20...+85 °C
- 8...30 VDC
- CANopen CiA 301 V 4.2.0
- Device profile encoder absolute linear, CiA 406 V 3.2.0
- 120 Ω termination can be switched on via SDO
- Cable connection, TPE, 2 m

Wiring diagram



Technical data

Electrical connection	Cable
cable length	2 m
Environmental conditions	
Ambient temperature	-20...+85 °C
Relative humidity	≤ 90 %
Protection class	IP69K

Accessories

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

Deflection roller for aluminium draw-wire sensors

