

### Mini draw wire encoder, analogue output



- Compact
- Measuring length up to 2000 mm
- Robust construction
- Simple processing of analogue signal by means of a digital panel meter
- Voltage or current output

#### Mechanical characteristics of the draw-wire encoder:

Measuring range:	up to 2000 mm	
Absolute accuracy:	±0.35 % for the whole measuring range	
Repetition accuracy:	±0.15 mm per direction of travel	
Resolution:	analogue output signal	
	1 m ⇒ 0 ... 10 V DC	2 m ⇒ 0 ... 10 V DC
	1 m ⇒ 4 ... 20 mA	2 m ⇒ 4 ... 20 mA
	1 m ⇒ 0 ... 10 kΩ	2 m ⇒ 0 ... 10 kΩ
Traversing speed:	max. 800 mm/s	
Required force:	approx. 10 N (on wire)	
Material:	Housing: reinforced plastic	
	Wire: stainless steel $\varnothing$ 0.45 mm, plastic coated	
Weight:	approx. 0.210 kg	

#### Electrical characteristics:

Analogue output:	0 ... 10 V	4 ... 20 mA	Potentiometer 10 kΩ
Supply voltage:	15 ... 28 V DC	15 ... 28 V DC	–
Temperature range:	0 ... 50 °C	0 ... 50 °C	0 ... 50 °C
Load:	max 500 Ω	max 500 Ω	–
Conforms to CE requirements acc. to EN 61000-6-2, EN 61000-6-4 and EN 61000-6-3			

#### Cable colour output 0 .. 10 V

Signal :	+ 24 V	GND	Uout
Colour: BN		WH	GN

#### Cable colour output: 4 ... 20 mA

Signal :	+I	-I
Colour: BN		WH

#### Cable colour output: Potentiometer

Sign	Po	Pe	S
Colour:	BN	WH	GN
	start	end	Wiper contact

#### Electrical connections (4 ... 20 mA):



