DRAW WIRE SENSOR

"Potentiometric Output, High Accuracy"

AWP116

- 1600, 2100, 2500 mm measuring lengths
- Robust stainless steel measuring wire
- Delrin housing
- Potentiometric output
- IP40 protection class
- Compact design and easy mounting
- 2 m/s maximum movement speed
- Shock/vibration resistant

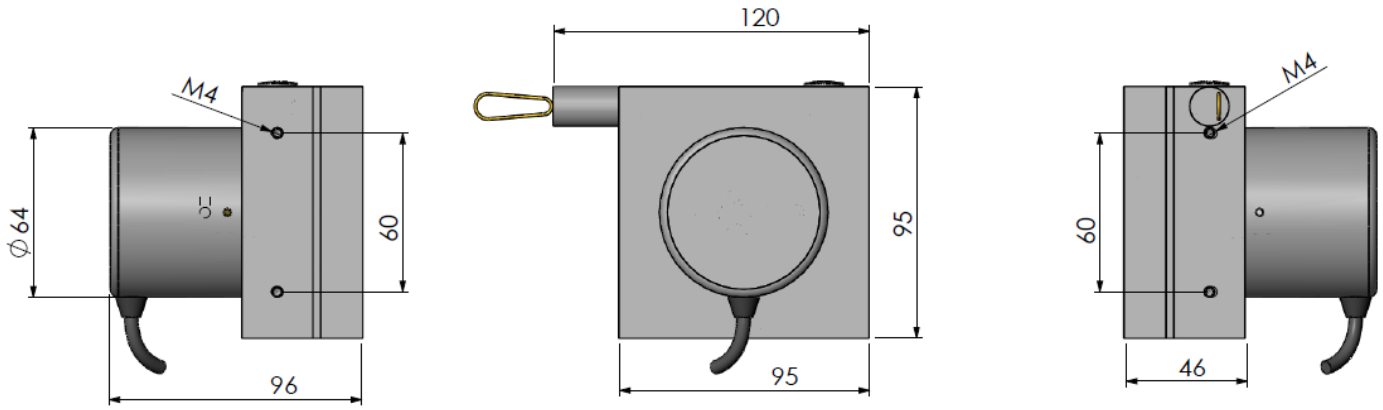
MECHANICAL DATA

Measuring Lengths (stroke)	1600, 2100, 2500 mm (ask for others)
Max. Movement speed	2 m/s
Required Force	5 N
Protection class	IP40
Operating Temperature	-25°C...+85°C
Material	Body: Delrin
	Measuring wire: Stainless steel
Weight	~660 gr

ELECTRICAL DATA

Measuring principle	Potentiometric
Supply voltage	42V max.
Signal output type	Potentiometric
Resistance	5 KΩ (standard), 10 KΩ
Linearity	±%0.25 FS

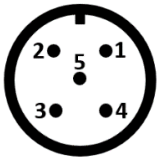
MECHANICAL DIMENSIONS (mm)

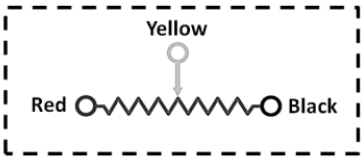


ELECTRICAL CONNECTIONS

Never make or undo electrical connections to the sensor when voltage is applied, otherwise this may result in damage to devices.

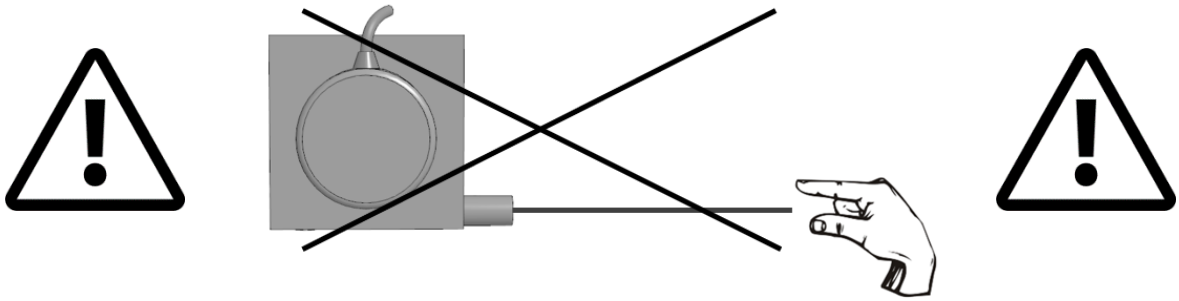
Signal	Cable	M12/5 Pin Male Connector
Earth	Silver	Pin 1
+V	Red	Pin 2
0V	Black	Pin 3
Pot signal	Yellow	Pin 4
N/C	N/C	Pin 5





WARNING

Never release the wire after pulling. Otherwise, the coil spring will be damaged.



ORDER CODE

Model

Resistance

5K: 5 KΩ (standard)
10K: 10 KΩ

AWP116	-	XXXX	-	XX	-	XX

Measuring Length

1600: 1600 mm
2100: 2100 mm
2500: 2500 mm
*Ask for other lengths

Electrical Connection

3M : 3 m cable (std)
5M : 5 m cable
10M : 10 m cable
S13M : M12 5 pin male socket

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