



- 1600, 2100, 2500, 3100, 4100, 5100 or 6100 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

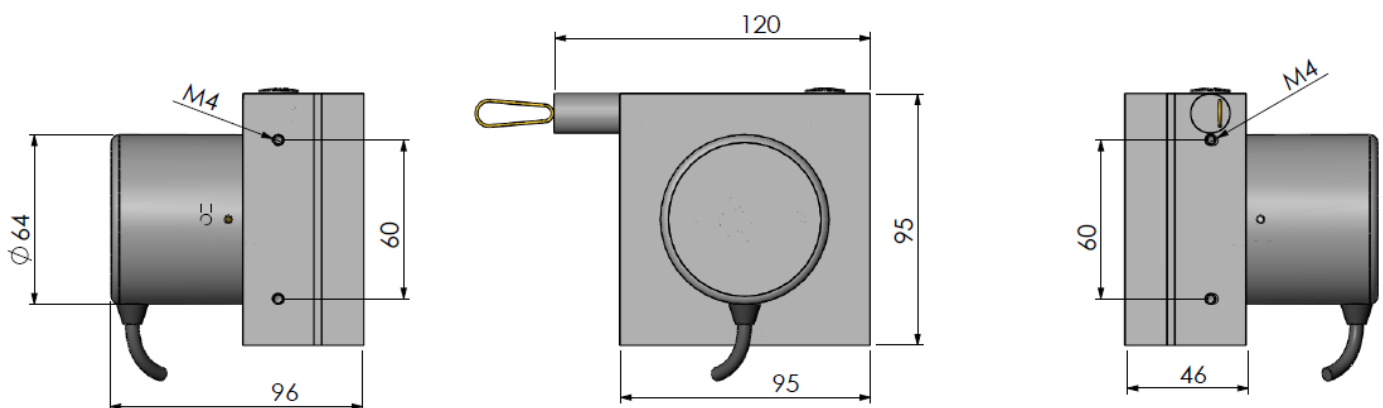
### MECHANICAL DATA

<b>Measuring Lengths (stroke)</b>	1600, 2100, 2500, 3100, 4100, 5100, 6100 mm
<b>Max. Movement speed</b>	2 m/s
<b>Required Force</b>	5 N
<b>Protection class</b>	IP40
<b>Operating Temperature</b>	-25°C...+85°C
<b>Material</b>	Body: Delrin
	Measuring wire: Stainless steel
<b>Weight</b>	~660 gr

### ELECTRICAL DATA

<b>Measuring principle</b>	Potentiometric
<b>Supply voltage</b>	42V max.
<b>Signal output type</b>	Potentiometric
<b>Resistance</b>	5 K $\Omega$ (standard), 10 K $\Omega$
<b>Linearity</b>	$\pm$ 0.25 FS

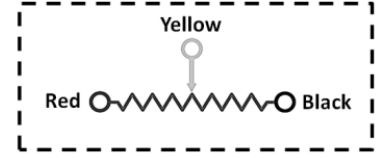
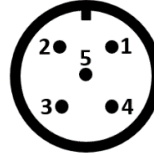
### MECHANICAL DIMENSIONS (mm)



## ELECTRICAL CONNECTIONS

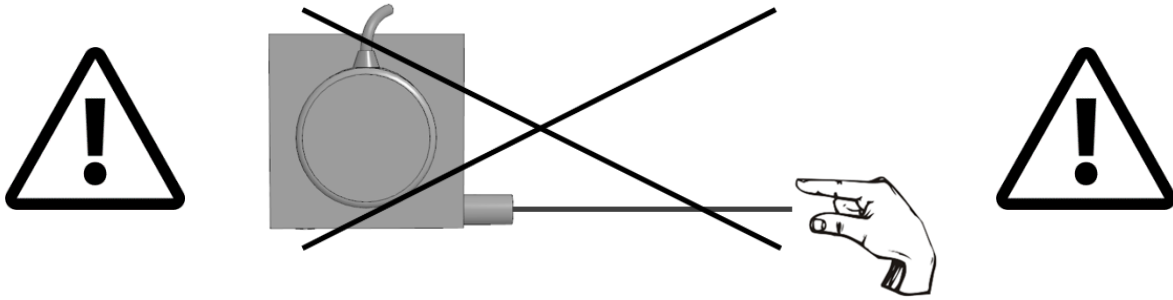
Never make or undo electrical connections to the sensor when voltage is applied, otherwise this may result in damage to devices.

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	
AWP116	-	XXXX	-
		XX	-
		XX	
<b>Measuring Length</b> 1600: 1600 mm 2100: 2100 mm 2500: 2500 mm 3100: 3100 mm 4100: 4100 mm 5100: 5100 mm 6100: 6100 mm		<b>Electrical Connection</b> 3M : 3 m cable (std) 5M : 5 m cable 10M : 10 m cable S13M : M12 5 pin male socket	
		5K: 5 K $\Omega$ (standard)	
		10K: 10 K $\Omega$	


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