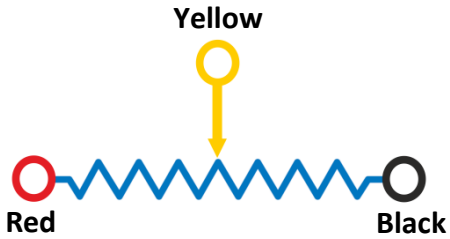
DRAW WIRE SENSORS

"High strength stainless steel wire"

AWP 220

- Measurement length 1000 mm to 5700 mm
- 0,5 mm stainless steel wire diameter
- Maximum 42 VDC Power Supply
- High strength stainless steel wire
- Potentiometric Measuring
  Or 0-10 VDC Analog Output
  Or 4-20 mA Current Output
- 0,5 m/s maximum speed
- Shock/Vibration resistant

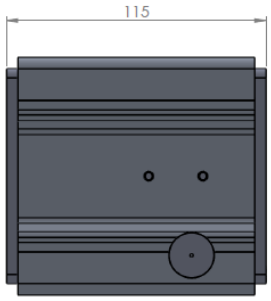
The AWP220 series are wire potentiometric position transducers that turn a linear motion into a resistance variation. They are made of a precision rotating potentiometer operated by a, winding or unwinding, stainless steel wire. Optionally other stroke lengths, cable length and socket connector can be requested.

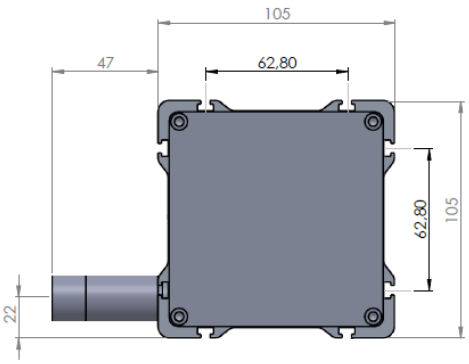


TECHNICAL SPECIFICATIONS

Power Supply	Max. 42 VDC
Stroke Length (mm)	1000, 1100 , 1250 , 1500 , 2000, 2500 , 3000, 4000, 5000, 5700 (Please ask us for other)
Maximum Speed	0,5 m/s
Resistance	5KΩ (Optional Other)
Output	Potentiometric Or 0-10 VDC Analog Output Or 4-20 mA Current Output (Please ask us for other)
Linearity	± %0,25
Process Temperature	- 25 to +85 °C
Relative Humidity	%10 to %90
Weight	1000 grams

MECHANICAL DIMENSIONS





PRODUCT CODING

Model
AWP 220

Resistance
5K : 5KΩ
(Please ask us for other)

Output Signals
No Code : Potentiometric
V : 0-10 VDC Analog Voltage
A : 4-20 mA Analog Current

AWP220	-	XXX	-	5K	-	3M	-	X

Stroke Length
See Stroke Length*

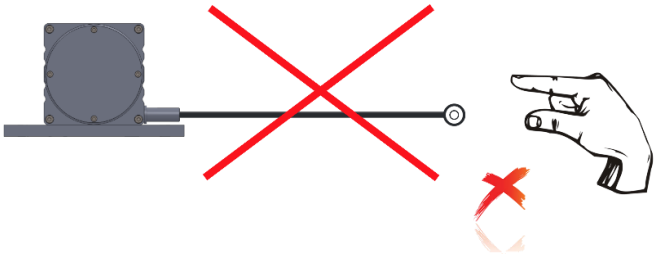
Cable Length
3M : 3M (standard)
5M : 5M
10M : 10M
S16 : M16 Socket Connector
S23 : M23 Socket Connector

*Please ask us for other cable lengths and socket connectors

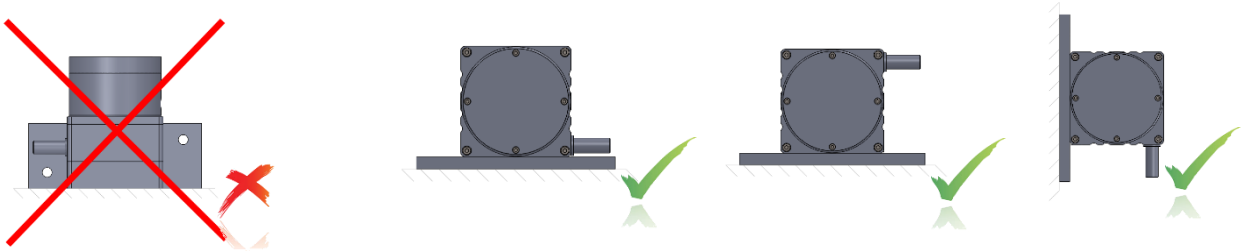
*Stroke Length (mm):
1000 , 1100 , 1250 , 1500 , 2000, 2500 , 3000, 4000, 5000, 5700 mm
(Please ask us for other lengths)

MOUNTING - WARNINGS

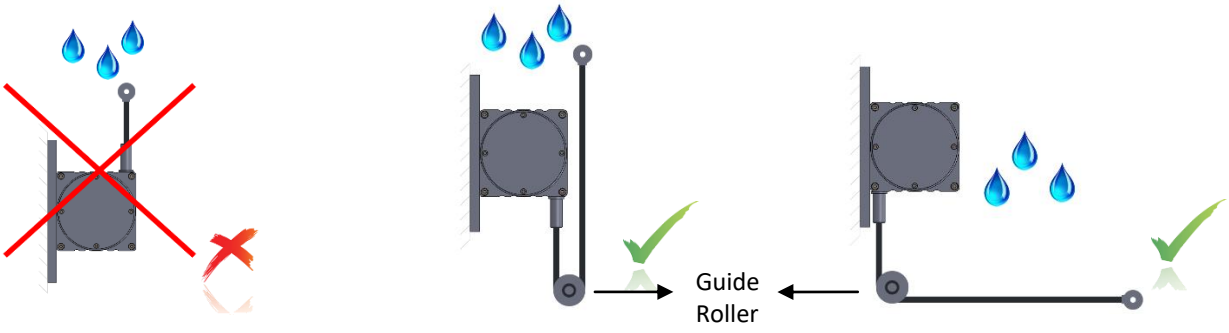
1. **Do not release the wire suddenly, after pulling.**



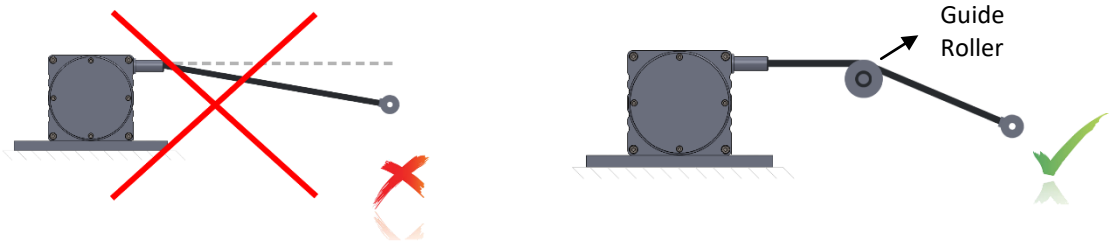
2. **The wire encoder must be mounted vertically in position, not horizontally.**



3. **If there is the possibility of splashing of water (like rain) on the device, the wire outlet must not look upwards. If the wire needs to go upwards, please use guide rollers.**



4. **The wire should not be pulled with an angle. If needed, please use guide rollers.**



Failure to comply with these recommendations will lead to malfunctions, which will not be covered by the warranty.

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