



- 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

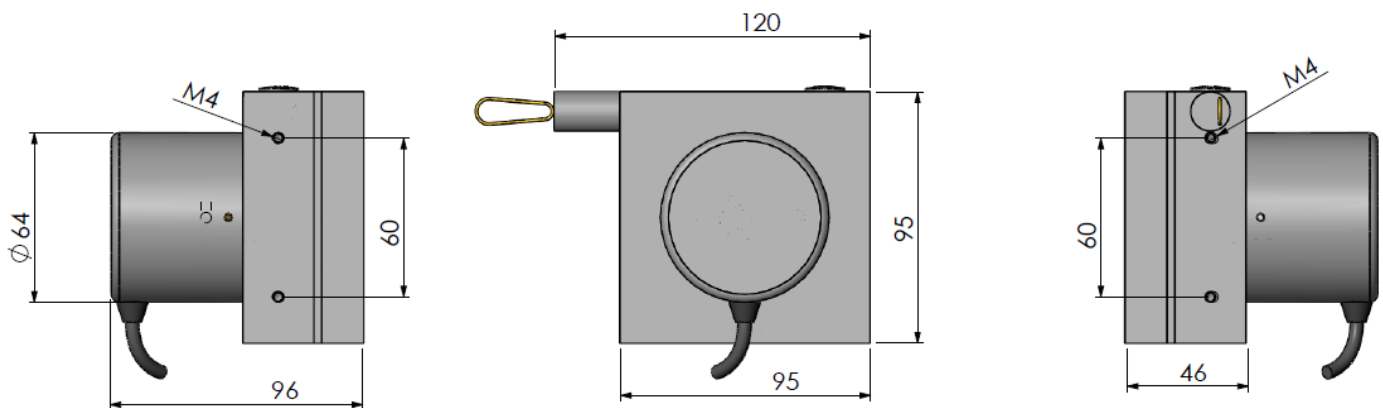
MECHANICAL DATA

| | |
|-----------------------------------|---|
| Measuring Lengths (stroke) | 1600, 2100, 2500, 3100, 4100, 5100, 6100 mm |
| 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

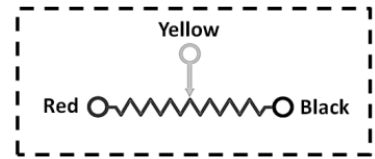
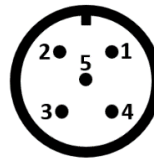
| | |
|----------------------------|--|
| Measuring principle | Potentiometric |
| Supply voltage | 42V max. |
| Signal output type | Potentiometric |
| Resistance | 5 K Ω (standard), 10 K Ω |
| Linearity | ± 0.25 FS |

MECHANICAL DIMENSIONS (mm)



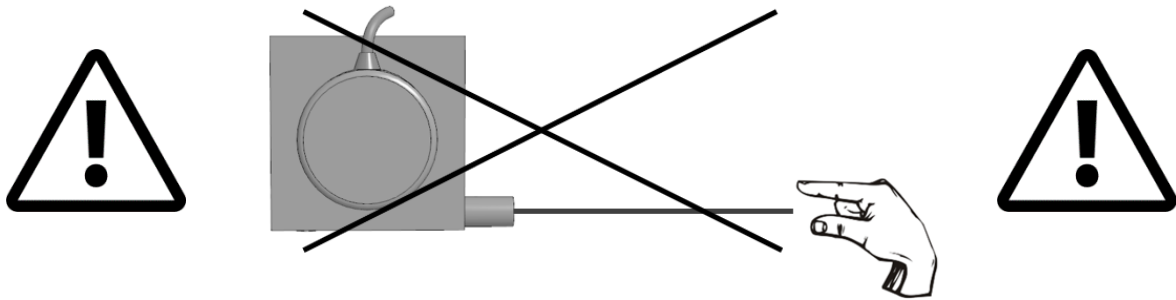
Never make or undo electrical connections to the sensor when voltage is applied, otherwise this may result in damage to devices.

| 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 | - | 5K: 5 K Ω (standard) |
| | | | | 10K: 10 K Ω |
| | | | | XX |
| | | Measuring Length | | Electrical Connection |
| | | 1600: 1600 mm | | 3M : 3 m cable (std) |
| | | 2100: 2100 mm | | 5M : 5 m cable |
| | | 2500: 2500 mm | | 10M : 10 m cable |
| | | 3100: 3100 mm | | S13M : M12 5 pin male socket |
| | | 4100: 4100 mm | | |
| | | 5100: 5100 mm | | |
| | | 6100: 6100 mm | | |