Draw Wire Position Sensor Bike String Pot 750mm

⚠ CAUTION

A measuring wire under tension where operators are standing can lead to injuries.

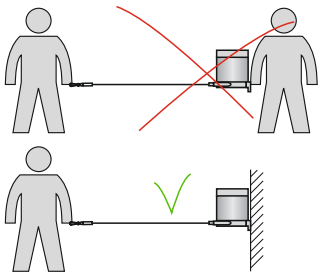
NOTICE

Do not twist the measuring wire!

Wire Guide and Fastening

If the measuring wire has to be extracted from the sensor to guide the wire respectively to fix it to the target

- the sensor may not be held by another person
- the measuring wire may not be further extracted but only to the specified measuring range
- the surroundings of the sensor have to be protected against snapping of the measuring wire



Wrong

Correct

- Fix the measuring wire to the target using a wire clip.
- Guide the measuring wire vertically out of the sensor housing.

Misalignment only permissible up to 3 degrees.

Dragging of the measuring wire on the inlet hole or other objects leads to damage and/or breakage of the measuring wire.

If the measuring wire cannot be fed vertically out of the housing, it is essential to use a guide pulley (accessory TR1-WDS or TR3-WDS, see Chapter Accessories).

- Keep measuring wire in an area where it cannot be snagged or otherwise be violated.

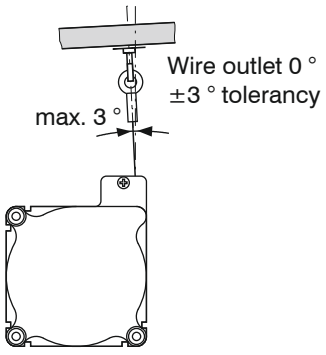


Fig. 17 Wire fastening and misalignment

Sensor Mounting

Mount the sensor either with the screws or with mounting clamps according to the specifications in the following table and according to the figures, see Fig. 3 et seq.

Model	Screws for through-hole	Mounting clamp
MK30	3 x M2.5	yes

The sensor does not have to be oriented in a special way.

Select the installation position in such a way that damage to or contamination of the measuring wire is avoided.

If possible, prefer an installation position in which the measuring wire exits downward. This prevents liquids penetrating the measuring wire outlet.

Do not let the measuring wire snap! There is no liability for material defects in case of damage due to snapping.

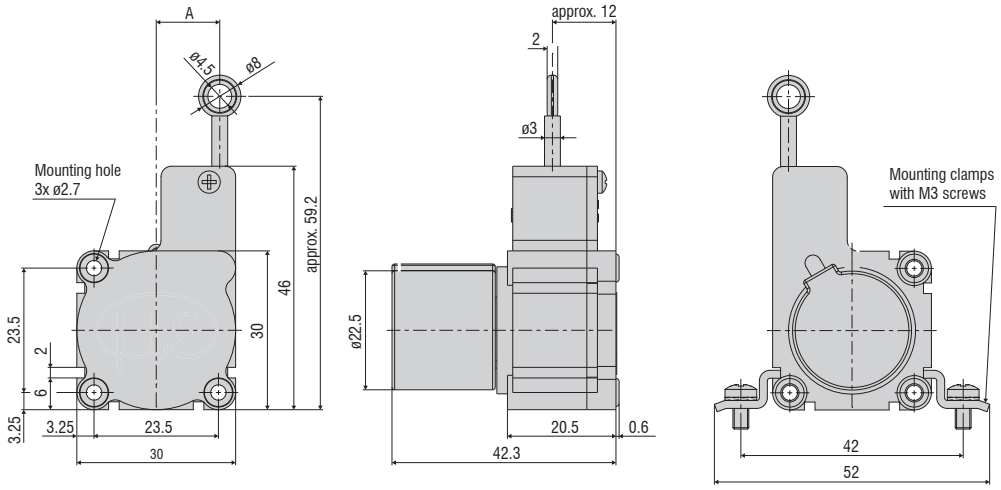


Fig. 3 Dimensional drawing MK30 with potentiometer, dimensions in mm (inches)

Measuring range (mm)	A (mm)
150 / 250 / 500	approx. 8
750	approx. 12