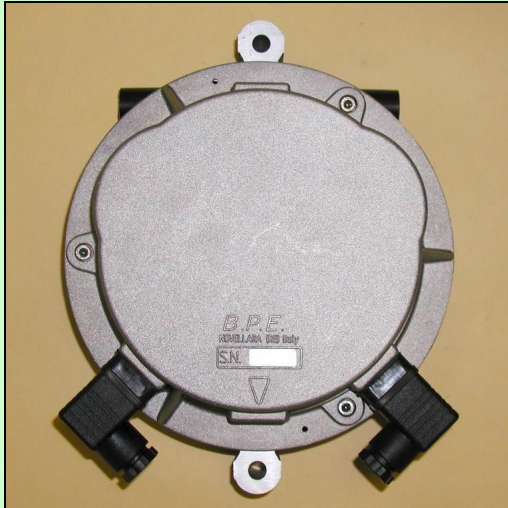


# Length transducers

## TL Series



### Description

Potentiometric length transducer for OEM applications. It measures the boom extension in crane, truck crane and aerial platform systems.

All models can be supplied along with other pressure, load or angle transducers.

All models can be equipped with double length sensor for safety applications in redundancy mode.

The transducers consist of a tough, compact and watertight aluminium casting that is easy to install. They can be supplied for right or left assembly on request.

The model with 4 to 20 mA output is also available on request.

**Note: The user/installed is responsible for evaluating the values and, thus, the safety of the application.**

### Technical data

Model	N° length sensors	Working measuring length	Max length
TL 8.5	1	8.5 m	16 m
TL 11.5	1	11.5 m	16 m

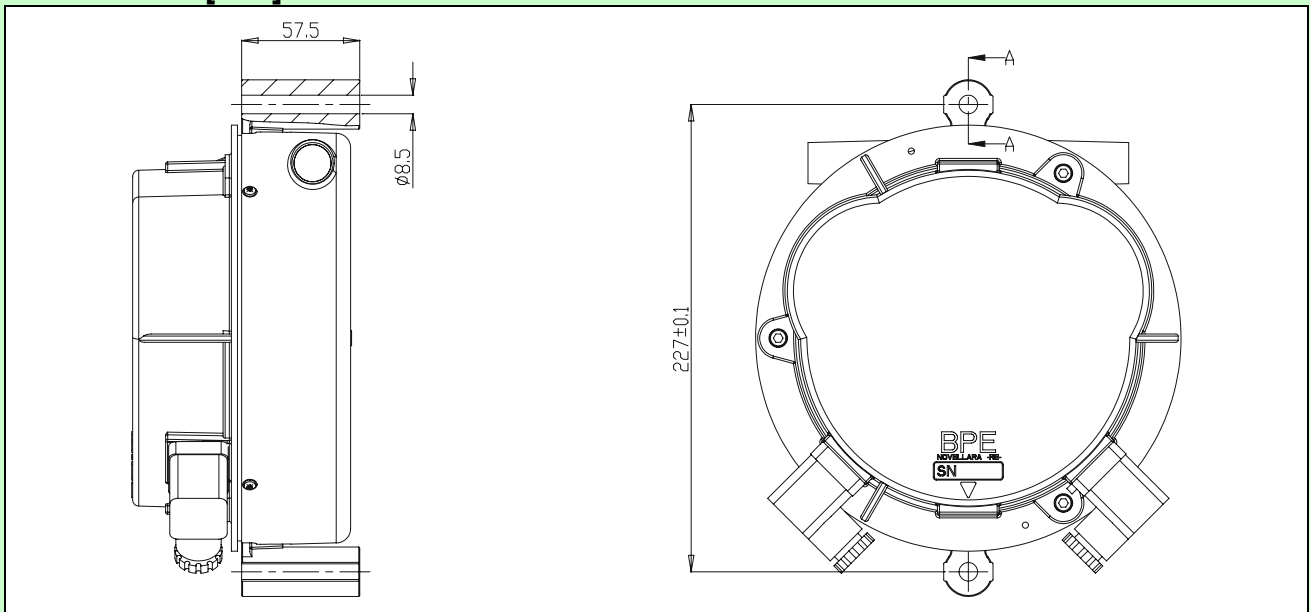
#### Common characteristics:

Input voltage rating	5 to 30	Vdc
Output voltage rating	0 to $V_{in}$	Vdc
Standard resistance	10000	Ohm
Linearity, hysteresis, repeatability	$\pm 1$	%FS

Operating temperature	-20 to 70	°C
Standard protection grade	IP 65	-
Weight	2.3	kg

Optionals: - longer working measuring lengths

### Dimensions [mm]



It is prohibited to use this apparatus/accessory until the machine onto which it is mounted has been declared in conformity with the Machine Directive 98/37/EEC.

BPE Electronics Srl should modify technical datas without advise

TL v.1.03 2006