

# Relative angle transducers

## TA-ScS Series



### Description

TA-ScS series components are potentiometric transducers that measure the relative angle formed by a mobile part in relation to the structure to which they are fixed.

Lateral connection with transmission bracket (see draw).

Typical uses are scissor platforms, where the movement of the boom of the structure is followed by means of the output shaft.

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

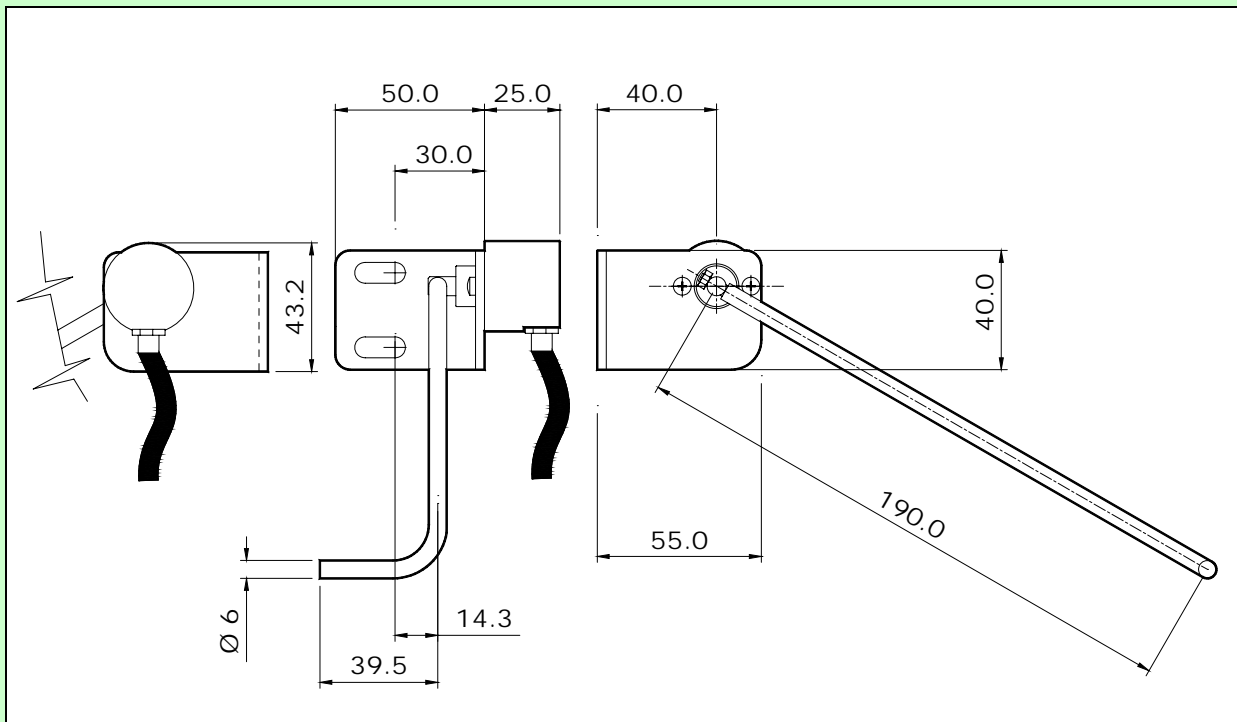
### Technical data

Power supply	5 to 30	Vdc
Maximum angle measured	270	degrees
Linearity	± 2.0%	FS
Max power draw	0,18	W
Resistance	5	kΩ

Operating temperature	-20 to 70	°C
Standard connection cable L =	4 <sup>(*)</sup>	m
Standard protection grade	IP65	-
Weight	0.25	kg

(\*) A 20 cm SuperSeal 3-pole AMP cable with 20-22 AWG terminal is available on request.

### 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

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