Handheld programming unit

Description

The handheld programming unit is used to set up and calibrate tecsis force transducers of the series 35xx with digital electronic amplifier. In the installed condition (under load) the zero point and span can be set. A reversion of polarity of the output signal as well as an adjustment of the temperature coefficients can be undertaken.

The handheld programming unit has its own power supply and is designed to be used as a mobile unit. The easy to read display gives detailed information and shows the actual measured values. Additionally an external measuring instrument can be attached for accurate measurement value logging.

Features

- Independent power supply
- Mobile unit
- Setting of zero point and span on the installed force transducer
- Display is easy to read
- Connection for additional measuring instrument
- IP 52 type of protection

Applications

- Calibration service
- Setting of zero point and span on force transducer with programmable amplifier
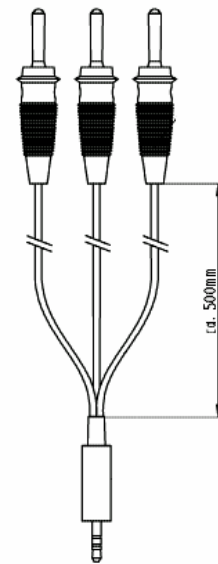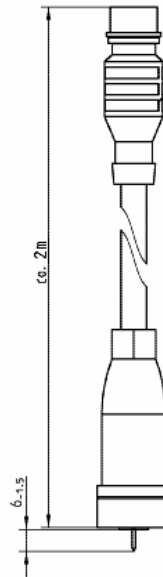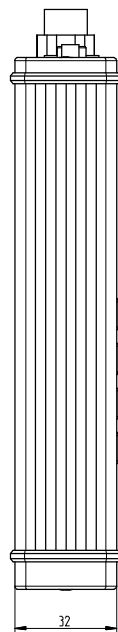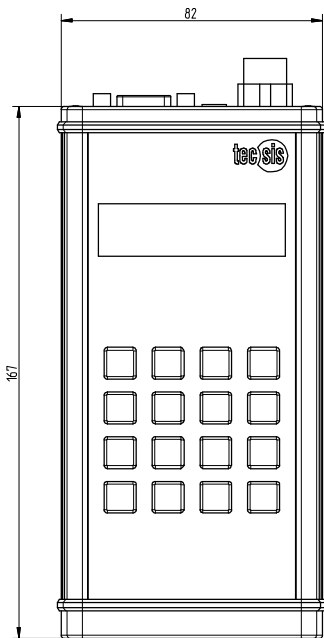
Specific information

- Supply kit:
  Device in a service suitcase incl. accessories (adapter cable, RS-232 interface cable, power supply)

Model: EPE01

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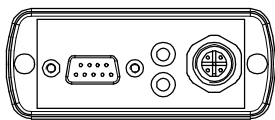p. **1** /3

Technical data

Models	EPE01
Output - Display - Accuracy - Signal	2-line alphanumeric LCD-display 0.5% of F.S. Output current 0 … 20 mA or Output voltage 0 … 10 V RS-232 port
Accuracy of display	0.1% C_n , 4½ digits
Input - Signal - Limit frequency	4 … 20 mA or 0 … 10 V 500 Hz (3 dB)
Setting	Menu-driven via keyboard
Power requirement	Battery 9 V block
Nominal temperature range	-10°C …+40°C
Service temperature range	-10°C …+40°C
Storage temperature range	-20°C …+60°C
Protection type (acc to EN 60 529/IEC 529)	IP 52
Electrical connection	Force transducer: M 12 x 1-socket; RS-232: SUB-D9-socker: Charger: Jack socket
Housing - Material - Dimensions (W x H x T)	Aluminium 85 x 185 x 35 mm
Weight	400 g

Dimensions

EZE53X001007   EZE53X001008

EPE01X100001

Ordering code

Handheld programming unit with case	consisting of	
	EPE01X100001	handheld programming unit
	EZE53X001007	adapter cable for sensor connection
EPE01X001001	EZE53X001008	adapter cable U/I for connection
	AW001X605682	RS232 adapter cable
	EZE51X001002	power supply
	AZM49X090026	transport case