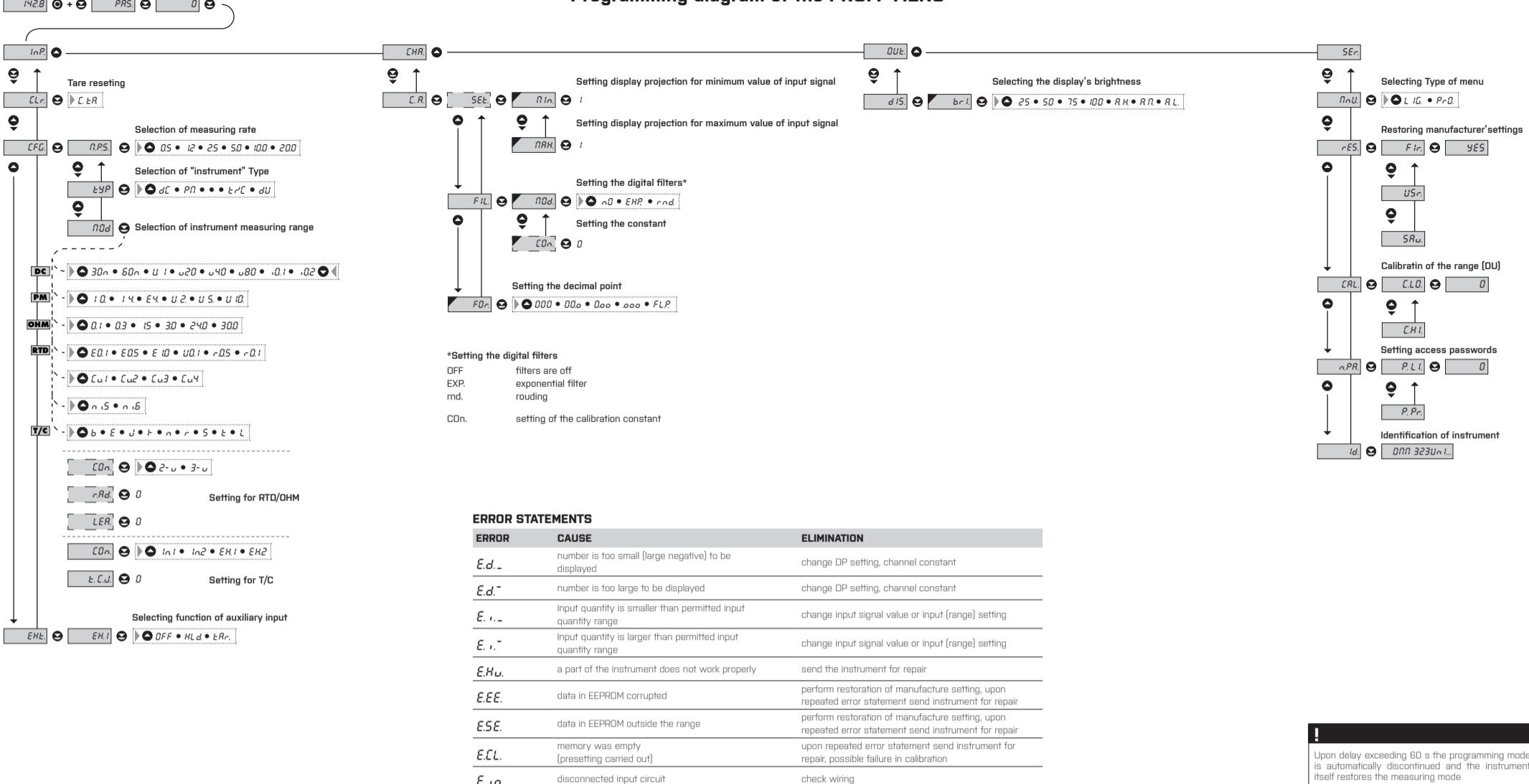
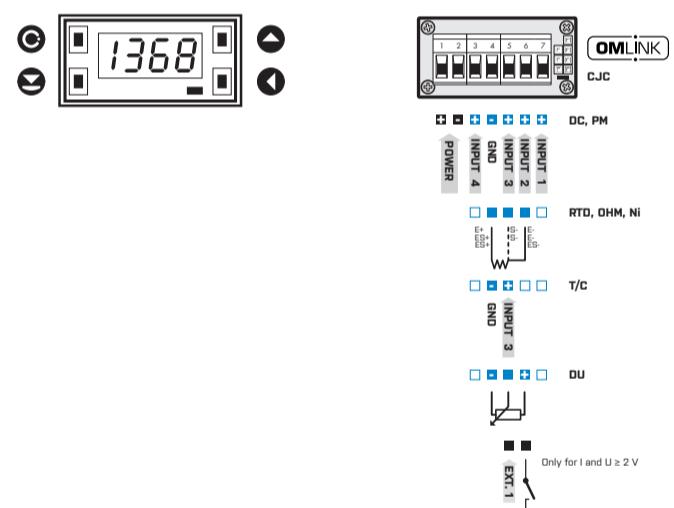


## Programming diagram of the PROFI MENU



## CONNECTING AND CONTROLLING OF INSTRUMENT

## TECHNICAL DATA



Power supply cord should not be near low voltage input signal leads.

Contactor, large electrical motors and other power elements should not be operated in the vicinity of the instrument.

Input signal leads (measured value) should be separated from all power devices.

Our instruments are extensively tested and they comply with relevant standards for use in industrial environment, however, adhering to the above mentioned measures is strongly advised.

**!**  
In „RTD“ or „OHM“ input with 2-wire connection it is necessary to link the unconnected inputs [No. 5 and 6] on the terminal block

## MEASURING INPUT

	DC	Range	DC	Range	DC	Range
		±90 mA ±180 mA ±30 mV ±100 mV		<1 V <2 V >10 MO >10 MO >10 MO 1 MO 1 MO 1 MO		Input 4 Input 4 Input 3 Input 3 Input 3 Input 1 Input 1 Input 1
PM		±2/±5/±10 V		±20 mA 4...20 mA ±2 V ±5 V		<200 mV <200 mV 1 MO 1 MO 1 MO
OHM		0...100/300 kΩ/0...1,5/3/24/30 kΩ		±100 kΩ 0,3...300 kΩ 0,15 kΩ 0,3 kΩ 0,24 kΩ 0,30 kΩ [only 2-wire]		Input 1 Input 1 Input 1 Input 1 Input 1
RTD-PT		Pt 50/100/1 000				
RTD-CU		Cu 50/100				
RTD-NI		Ni 1 000/10 000				
T/C		J/K/T/E/B/S/R/N/L				
DU		Linear potentiometer [min. 500 Ω]				

**!**  
Only for I and U ≥ 2 V

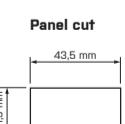
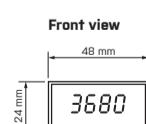
## MEASURING RANGES - CONNECTION

TYPE	INPUT 1	INPUT 3	INPUT 4
DC	±20/±40/±80 V	±30/60 mV/±1 V	±90/±180 mA
PM	±2/±5/±10 V		±20 mA, 4...20 mA
OHM	0...100/300 kΩ/0...1,5/3/24/30 kΩ		
RTD-PT	Pt 50/100/1 000		
RTD-CU	Cu 50/100		
RTD-NI	Ni 1 000/10 000		
T/C	J/K/T/E/B/S/R/N/L		
DU	Linear potentiometer [min. 500 Ω]		

## EXTERNAL INPUT

	DESCRIPTION	CONTROLS
EXT. 1	controlling input, its function is set in the menu [see. Menu > EX. 1] Only for inputs I and U ≥ 2 V	upon contact, terminal [No. 5 + 6]

## MOUNTING AND DIMENSIONS



## Side view

