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DESCRIPTION

Model 9761 panel integrating meter is an instrument particularly suited for quantity measurement that provides one preset-programmable setpoint plus two frontal pushbuttons for reset and totalizing that allow to accumulate partials.

The input signal is applied to the meter by means of either a standard 60mV current shunt or a transducer with 4-20mA output.

The input magnitude is integrated (scaled if necessary) to readout the strength of current directly in Ampere-hour (Coulomb).

The meter can also be used to readout any other time-dependent parameter provided that the input variable is a standard signal ranging from 0 to 60mV or 4 to 20mA.

SELECTION GUIDE

9761	X	Y	0	6
INPUT				
4-20mA	5			
0-60mV	9			
SUPPLY POWER				
115V 50/60Hz		1		
230V 50/60Hz		2		
12V DC ISOLATED		4		
24V 50/60Hz		7		
24V DC ISOLATED		8		
SILKSCREENED UNIT				

ORDERING EXAMPLE

9761 5206 E83 : Programmable integrator S9000

Supply power: 230V AC (50/60Hz)

Input: 4-20mA. Unit: Ah

Format: 96x48mm. 6 digits

SPECIFICATIONS

INPUT SIGNAL

- Configuration differential asymmetrical

INPUT RANGE	0-60mV	4-20mA
Maximum voltage	± 5V DC	-
Maximum current	-	50mA
Input impedance	100Mohm	10Mohm

TRANSDUCERS EXCITATION

- Incorporated +24VDC @ 30mA non stabilized

VOLTAGE-TO-FREQUENCY CONVERTER

- Accuracy 0.1%
- Linearity 0.05%
- Operating frequency 555.5Hz @ 60mV/20mA
- Divider factor x100
- Thermal drift 0.005%/°C
- Conversion factor programmable

POWER

- Supply voltages
- AC (50/60Hz) : 24, 115, 230V AC
- DC (isolated) : 12, 24V DC
- Maximum isolation 1000V DC or 1500V ACpp
- Consumption 5W nominal

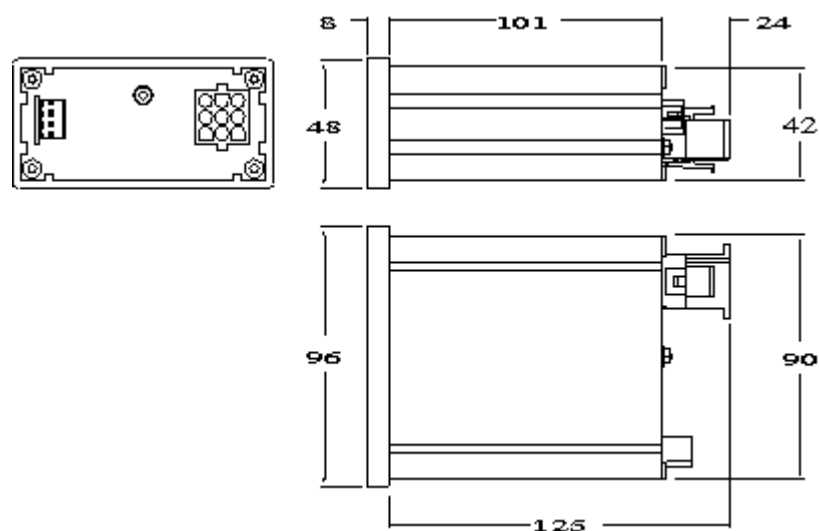
DISPLAY

- Type red LED (0.56") 14 mm. high
- Resolution 6 digits (999999)
- Memory >10-years, NOVRAM type

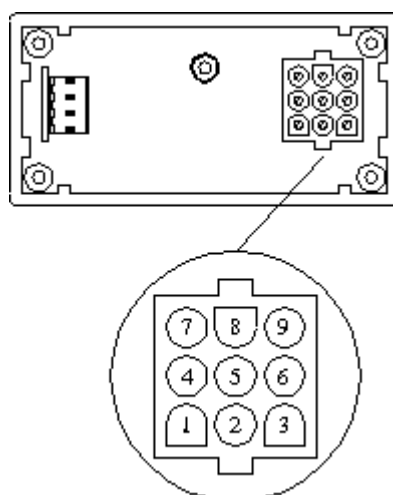
ENVIROMENTALS

- Operating temperature 0° to 50°C
- Storage temperature -25° to +85°C
- Relative humidity max. 95% (non condensing)
- Weight 300g
- Dimensions 96x48x110mm. (s/DIN 43700)
- Case material 94 V-0 UL-rated polycarbonate

DIMENSIONS (mm)



POWER AND RELAY CONNECTION



AC POWER SUPPLY	
PIN 7	AC HI
PIN 9	AC LO (neutral)

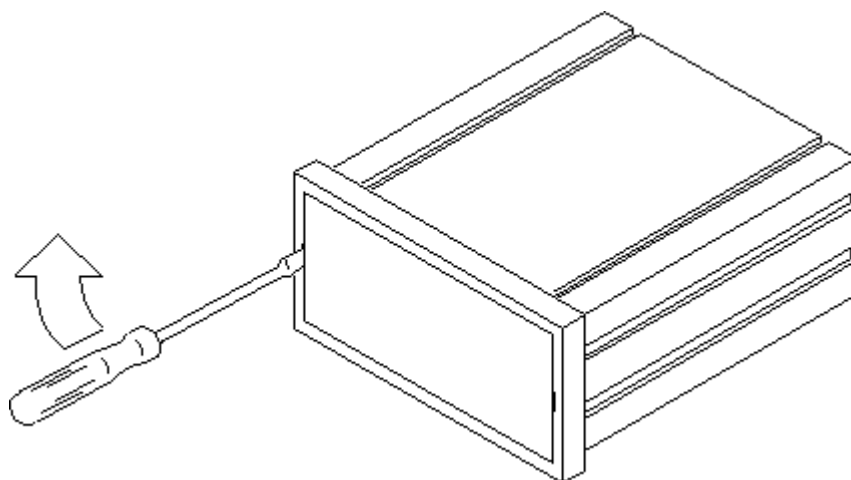
DC POWER SUPPLY	
PIN 7	DC positive (+)
PIN 9	DC negative (-)

EXTERNAL RESET	
PINS 5 and 6	

RELAY CONTACTS	
PIN 1	ON (NO)
PIN 2	Common

PIN 3	OFF (NC)
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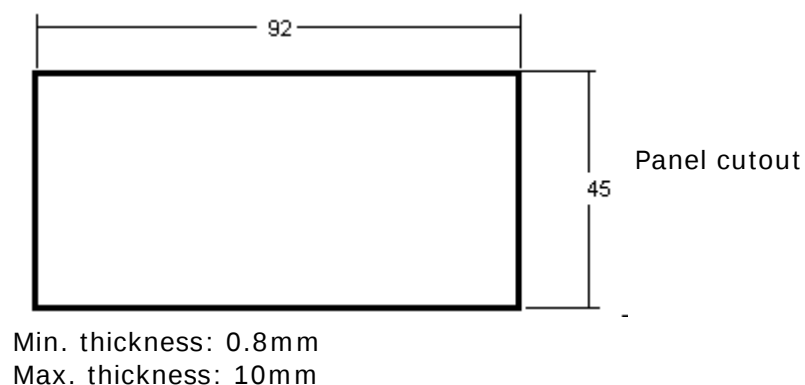
ACCESS TO CONFIGURATIONS

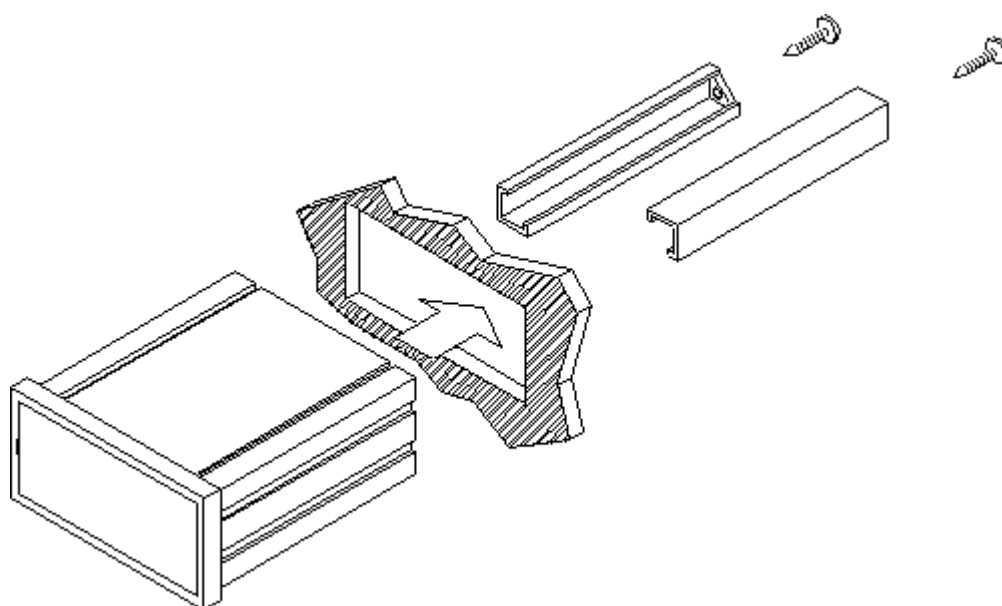


Remove lens by placing an appropriate sized screwdriver in the slot and pushing laterally as it is shown in the figure until the lips disengage. Unscrew the rear nut to lift the circuits out from the front of the case.

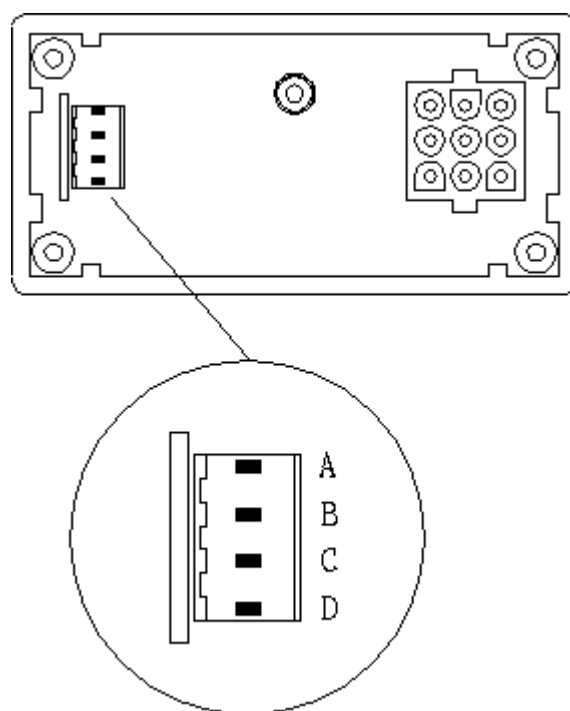
To reinstall lens, insert it completely from one side and press from the other until it is fitted.

MOUNTING



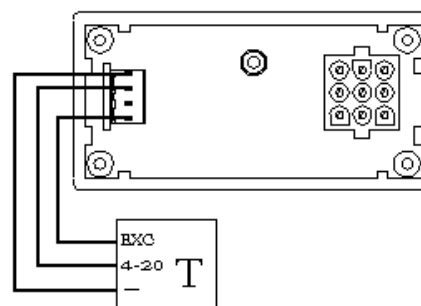
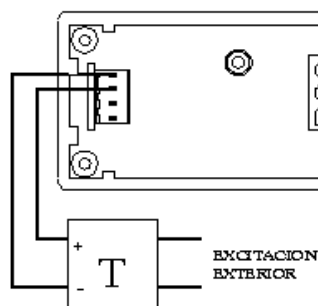
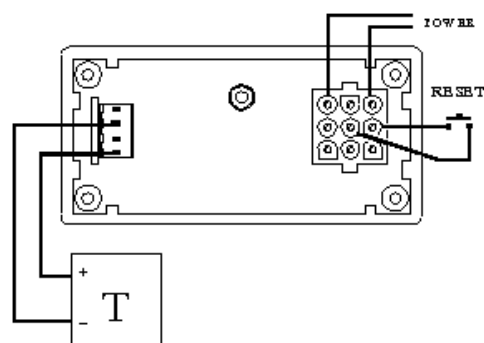
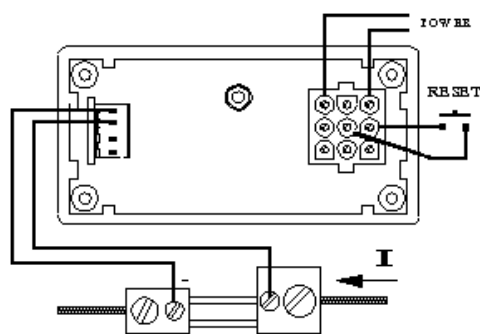


SIGNAL CONNECTION



4-20mA input		0-60mV input	
PIN A	Signal (-)	PIN A	Signal (-)
PIN B	Signal (+)	PIN B	Signal (+)
PIN C	Spare	PIN C	Spare
PIN D	Spare	PIN D	Excitation (+24V)

WIRING SCHEMATICS



Warranty:
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