



"Smart Output Module"  
System RS-232/485 Modbus  
RTU Serial Communication  
Process Indicators

## Process Indicators

ESM-4400 ESM-4900  
ESM-7700 ESM-9900



- ▶ Smart Output Module System
- ▶ Dual or multi point calibration for dc Voltage/Current input

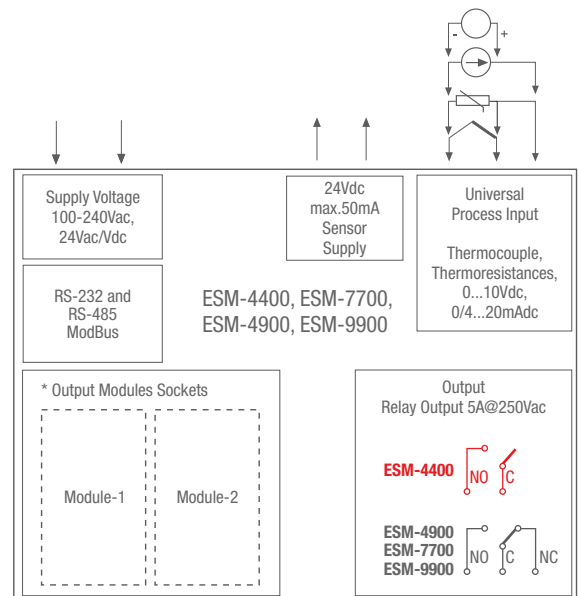
- ▶ Retransmission of Process Value or Process Control by using 0/4...20 mAdc Current Output Module

### Specifications

4 Digit process (PV) display  
Universal process input (TC, RTD, mVdc, Vdc, mAdc)  
Programmable Alarm functions  
RS-232 (standart) or RS-485(Optional) serial communication with Modbus RTU protocol

### Technical Specification

**Accuracy:**  $\pm 0.25\%$  of full scale for thermocouple, thermoresistance, mV, V  $\pm 0.70\%$  of full scale for mA input  
**Cold Junction Compensation:** Automatically  $\pm 0.1^\circ\text{C}/1^\circ\text{C}$   
**Line Compensation:** Maximum 10 Ohm  
**Sensor Break Protection:** Upscale  
**Sampling Cycle:** 3 samples per second  
**Input Filter:** 0.0 to 900.0 seconds



\* Output modules can be mounted each modules sockets.

