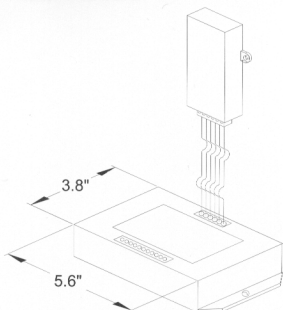


Transducer Output Modules

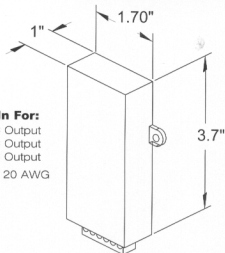


An Auxiliary Module with 3 Feet of Cable For:
10 Channels DC Output

Direct Plug-In For:

- 2 Channels DC Output
- 4 Channels DC Output
- 6 Channels DC Output

*Recommended 20 AWG



Description

Electro Industries offers up to 10 channels of transducer outputs to interface with SCADA, RTU's or PLC's.

The signals can be mapped to any readings such as Watts, Vars, VA, PF Frequency, Volts A-N, B-N, C-N or Amps A, B, and N.

Cost Savings

One meter with a 10 channel DC Output module replaces all existing metering transducers at one third the cost of traditional units. If cost is an issue, only choose the channels needed.

0-1mA Output Modules

Consists of uni- and bi- directional channels. Uni-directional reads from 0-1mA. Bi-directional reads from (-1) -(0) -(+1). Both the uni- and bi-directional channels can be mapped to any scaling. The user selects where the zero is placed. 0-1mA modules are self powered. Maximum load impedance is 10K OHM.

Technical Superiority

Our process offers the highest resolution possible to the DC Outputs. The process is based on a 12 bit D/A (Digital to Analog) and a mathematical algorithm which converts the data with almost no accuracy loss. Thus, the meter's accuracy specification will equal that of the DC Output.

Field Upgradable

Since the transducers are mounted to the "universal communication port", they can also be added after meter installation. To upgrade to digital communication (i.e. Modbus, DNP 3.0), replace the analog module with a digital module.

4-20mA Output Modules

4-20mA modules can be used as either uni-directional 4-20 outputs or bi-directional 4-12-20 outputs. The designation is field programmable 24 VDC external loop power is used in conjunction with 250 OHM impedance.

| MODULE | NUMBER OF CHANNELS | UNI-DIRECTIONAL | BI-DIRECTIONAL |
|--------|--------------------|---------------------|----------------|
| SDFI-1 | 2 | 0, 1 | 0, 1 |
| SNFI-1 | 4 | 0, 1, 2, 3 | NA |
| SEFI-1 | 6 | 3, 4, 5 | 0, 1, 2 |
| SHNI-1 | 10 | 3, 4, 5, 6, 7, 8, 9 | 0, 1, 2 |

| MODULE | NUMBER OF CHANNELS | UNI-DIRECTIONAL | BI-DIRECTIONAL |
|---------|--------------------|-----------------|----------------|
| SDFI-20 | 2 | ALL | ALL |
| SNFI-20 | 4 | ALL | ALL |
| SEFI-20 | 6 | ALL | ALL |
| SHNI-20 | 10 | ALL | ALL |



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