

**NEW**

# AX-8

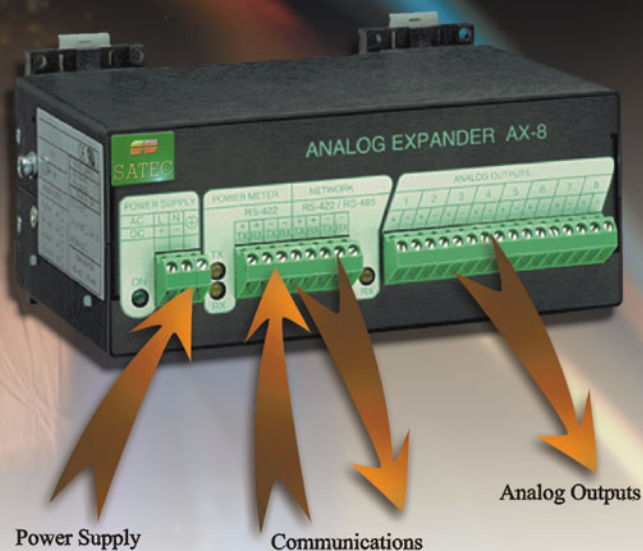


**For Efficient Interfacing between Powermeters  
and Analog Input devices**

- **8 channels provided for high resolution analog output**
- **Easy DIN rail or wall mount installation**
- **Wide range of current/voltage options:  
0-20mA, 4-20mA,  $\pm 1$ mA, 0-10V,  $\pm 10$ V**

 **SATEC**  
*Powerful Solutions*

# NEW AX-8



Power Supply

Communications

Analog Outputs

• **Versatility** The AX-8 can be connected to any Powermeter equipped with an RS-422 communication port and analog expander option.

• **Outputs** The AX-8 provides up to 8 analog outputs. Two units can be connected in sequence, providing as many as 16 analog outputs with use of one Powermeter.

• **Accuracy** The AX-8 does not degrade the high measurement accuracy of the Powermeter, providing 8 bit resolution on each analog output. Output values on all channels are updated continuously at a rate which depends on communication speed (baud rate).

• **Flexibility** The analog outputs are provided with current output options of 0-20 mA and 4-20 mA (current loop load of up to 500 Ohm), 0-1 mA and 1 mA (current loop load of up to 10kOhm), and voltage output options of 0-10V DC and 10V DC. A wide range of output values are user-selectable from the Powermeter front panel.

• **Easy installation** DIN rail or wall mounting. No auxiliary power supply is required; an internal switch power supply with a wide AC/DC range is provided.

• **Communications** The AX-8 is connected to the Powermeter using a twisted pair cable via the RS-422 or RS-485 port, using ASCII, Modbus or DNP3.0 protocol. This allows for communications over a distance of up to 1000 meters at a baud rate of up to 19,200 bps. Installation of the AX-8 does not interfere with the inclusion of the Powermeter in a communication network of up to 31 Powermeters.



SATEC, Ltd.

## Ordering Information

AX-8 -  -

### Analog Output

A2 0 - 20 mA  
A3 4 - 20 mA  
A4 0 - 1 mA  
A1 (-1) - (+1) mA  
V1 0 - 10 V  
V2 (-10) - (+10) V

### Power Supply

\*ACDC 95 - 250V AC and 70 - 230V DC  
1DC 9 - 18V DC  
2DC 18 - 36V DC  
3DC 36 - 72V DC

\* Standard

Example:

AX-8 - A2 - 1DC



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