Current Output Module (COM)  
418 MHz Wireless System

**Features & Options**

The Current Output Module (COM) converts the temperature or humidity data from the Wireless Receiver into a linear 4-20 mA signal for the DDC controller.

The COM is loop powered and receives data from a BAPI 418 or 900 MHz Receiver through a four-wire bus. Up to 127 different Output Modules can be connected to a single receiver to send multiple network variables to the controller. The COM is easily trained to a single transmitter variable with a pushbutton and LED. The COM is surface, 2.75” snaptrack or 35mm din rail mountable.

°F PART NUMBERS:

- BA/COM-C-EZ: 4-20 mA Output, 50-90°F Temp. Range
- BA/COM-D-EZ: 4-20 mA Output, 55-85°F Temp. Range
- BA/COM-E-EZ: 4-20 mA Output, 60-80°F Temp. Range
- BA/COM-F-EZ: 4-20 mA Output, 65-80°F Temp. Range
- BA/COM-G-EZ: 4-20 mA Output, 55-95°F Temp. Range
- BA/COM-H-EZ: 4-20 mA Output, -20 to 120°F Temp. Range
- BA/COM-KK-EZ: 4-20 mA Output, 32 to 185°F Temp. Range
- BA/COM-MM-EZ: 4-20 mA Output, 0 to 140°F Temp. Range

°C PART NUMBERS:

- BA/COM-C-C-EZ: 4-20 mA Output, 10 to 32°C Temp. Range
- BA/COM-D-C-EZ: 4-20 mA Output, 13 to 30°C Temp. Range
- BA/COM-E-C-EZ: 4-20 mA Output, 15 to 27°C Temp. Range
- BA/COM-F-C-EZ: 4-20 mA Output, 18 to 27°C Temp. Range
- BA/COM-G-C-EZ: 4-20 mA Output, 7 to 35°C Temp. Range
- BA/COM-H-C-EZ: 4-20 mA Output, -29 to 49°C Temp. Range
- BA/COM-KK-C-EZ: 4-20 mA Output, 0 to 85°C Temp. Range
- BA/COM-MM-C-EZ: 4-20 mA Output, -40 to 60°C Temp. Range

%RH PART NUMBERS:

- BA/COM-M-EZ: 4-20 mA Output, 0-100% RH
- BA/COM-N-EZ: 4-20 mA Output, 35-70% RH

FULL SCALE PART NUMBERS:

- BA/COM-AO-EZ: 4-20 mA Output Full Scale

ACCESSORY TERMINALS:

- BA/AOM-CONN: Pluggable Terminal Block Kit for AOMs

See end of Section F for list pricing.

**Specifications**

Output Current Range: 4-20 mA (factory calibrated)

Power Consumption: (half wave)
- Loop Powered, 20 mA max
- Loop Voltage Range 9-36 VDC,

Lost Comm. Timeout: 15 min. (Fast Flash)
- Temp. & Full Scale revert to 4 mA, %RH reverts to 20 mA

Bus Cable Distance:
- 4,000 ft with shielded, twisted pair cable
  (Belden 9841, Belden 8132 or equivalent)

Output Resolution: 12 bit, 4096 counts

Environmental Operation Range:
- Temp: 32°F to 140°F (0°C to 60°C)
- Humidity: 5% to 95% RH non-condensing

Material: ABS Plastic

Material Rating: UL94, V-0