

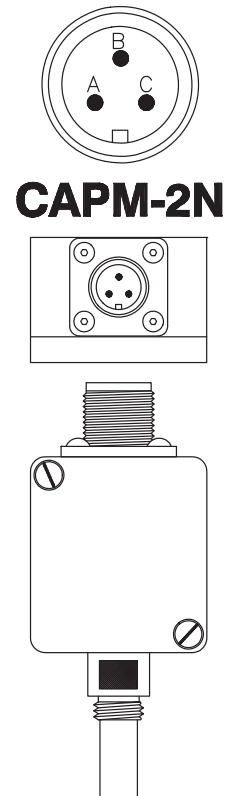
CAPM-2N Carrier Frequency Pickup Module

Description:

The **CAPM-2N** is used with the **HPM series** and the **TR series** of flow meters. The **CAPM-2N** is a Carrier Frequency sensor which means there is no permanent magnet in the pickup and any magnetic drag on the flow meter gears or turbine is avoided. The **CAPM-2N** requires a supply voltage between 10 Volt DC to 30 Volt DC. A diode in the supply input prevents damage to the module in case the polarity of the supply voltage is wrong. The output signal is a square wave. The frequency is proportional to the flow rate.

The output is a sinking open collector NPT transistor.

Technical Data	:	
Supply Voltage	:	10 to 30 Volt DC
Supply Current	:	9 mA @ 15 Volt, Max 18mA
Minimum Signal	:	0.5 Hz
Duty Cycle	:	50%
Frequency Output	:	Flow dependent, up to 2000 Hz
Sinking Capacity	:	50 mA Max
Temperature Range	:	-60°F to 185°F (-50°C to 85°C)



Connections:

- A - +10 to 30 Volt DC supply voltage
- B - Ground for supply and signals
- C - Frequency signal output

AW Company wire color code:

- Supply Voltage: Red
- Ground: Black
- Signal: White

