

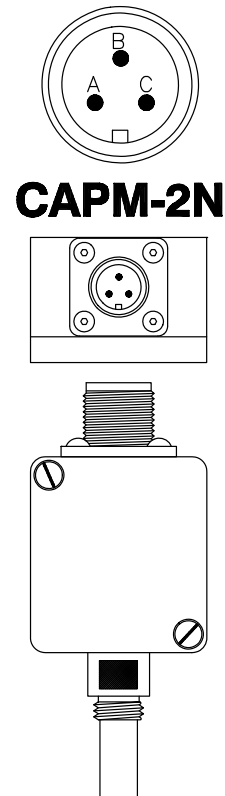
# CAPM-2N Carrier Frequency Pickup Module

## 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

