

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:	-60EF to 185EF (-50EC to 85EC)

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

