Mc Propeller

MODEL EA618-02

DESCRIPTION

The EA618-02 Non-Powered Electronic Pulse Transmitter is a wafer-style transmitter that mounts directly below the mechanical register of any McCrometer Mc® Propeller flow meter. Installation of the EA618-02 does not require removal of the flow meter and can be done under flowing conditions. The transmitter produces an output pulse frequency that is linear with the flow rate and can be connected to McCrometer CONNECT® remote telemetry systems or other telemetry systems, flow computers, digital counters, Programmable Logic Controllers (PLCs), and computerized data acquisition systems. The EA618-02 requires no power source and is typically specified for use on telemetry systems that are capable of real-time flow. The EA618-02 is available with data logger built in and cable security alarm options.

← Mc® Propeller Mechanical Register

← EA618-02 Pulse Transmitter

← 7-Pin Female Quick Connect Cable Connector
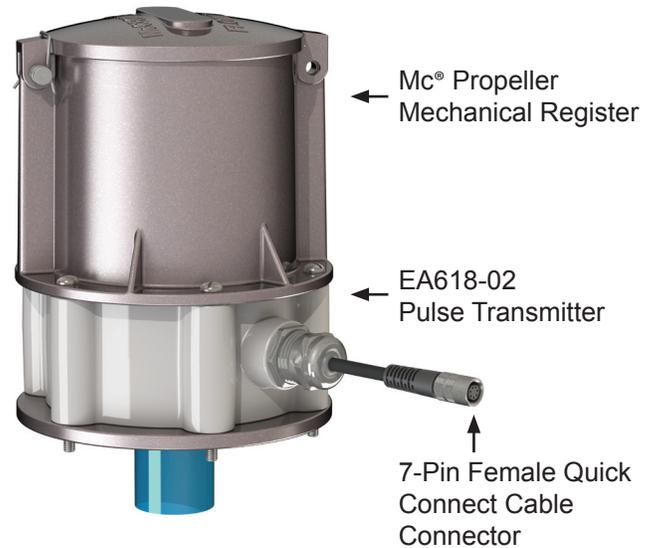
REQUIRED ORDERING INFORMATION

- The flow meter serial number when ordering for a McCrometer flow meter
- The system the EA618 will be connected to
- The minimum pulse width specifications for the device receiving the EA618-02 pulses
- Desired cable length

IMPORTANT NOTE: Cable sold separately. See the tables below for part numbers.

SPECIFICATIONS

Supply Voltage:	None required		
Output Type:	40v max open drain		
Output Pulse Duration:	Max. RPM's	Pulses per Revolution	Pulse Width
	1600	1	20ms
Signal Distance:	65 feet max.		

Additional Options	
EA618-02A	EA618-02 with Cable Security Alarm
MC20-D2	EA618-02 with Data logger

MC20-D2 Data Logger Specifications	
Max Pulse Rate	10,000Hz
Memory	500,000 readings
Report rate	1/sec - 1/24 hours
Battery life	10yrs (depends on frequency/duty cycle)
Communication	IFC200 Interface USB w/ cable

CABLE OPTIONS

McCrometer CONNECT Cables (Quick Connect to Quick Connect)

Description	Part Number
15 ft., 7 pin to 7 pin cable	7M-015-7M
25 ft., 7 pin to 7 pin cable	7M-025-7M
50 ft., 7 pin to 7 pin cable	7M-050-7M

Other Output Cable Options (Quick Connect To Bare Lead Wires)

Description	Part Number
6 ft. 7 pin to bare leads	7M-006-OE2
15 ft. 7 pin to bare leads	7M-015-OE2
25 ft. 7 pin to bare leads	7M-025-OE2
50 ft. 7 pin to bare leads	7M-050-OE2

Open End Cable Connection	
Color	**Connects To**
Yellow	(-) Pulse Counter
Gray	(+) Pulse Counter

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