MODEL EA630

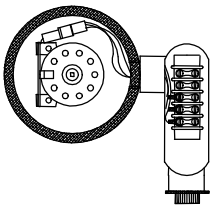
ELECTRONIC TRANSMITTER

DESCRIPTION AND SPECIFICATIONS

Lit# 24527-32 Rev. 1.0

The EA630 Electronic Transmitter is a device that produces a digital pulse output from any McCrometer Propeller flowmeter with a mechanical register. The output pulse frequency is linear with flowrate and can be connected to flow computers, digital counters, Programmable Logic Controllers (PLCs), and computerized data acquisition systems up to 500 feet away. The EA630 transmitter is mounted in a wafer-style aluminum transmitter housing and is easily installed below the mechanical register without the removal of flowmeter from the pipeline.

Ordering Information:



Model #	Installation	Output Type
EA630-xx	Meter Mount	CMOS Logic

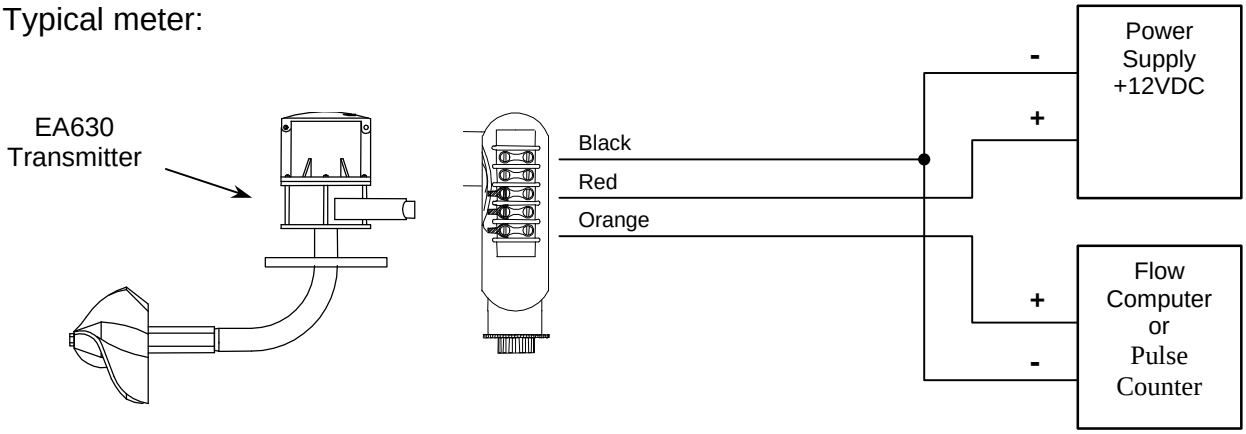
NOTE: Use the dash number to specify the number of output pulses per propeller revolution (01-10)

Specifications:

Supply Voltage:	4.5 to 16 Vdc, 12 Vdc nominal
Supply Current:	25 mA, without load
Output Current:	Up to 200 mA, sink or source
Output Rise Time:	100 ns
Output Fall Time:	100 ns
Output Type:	CMOS logic pulse (square wave)
Output Pulse Duration:	Varies with flow
Output Pulse Scaling:	1-10 pulses per propeller revolution

Wiring Diagram:

Typical meter:



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