





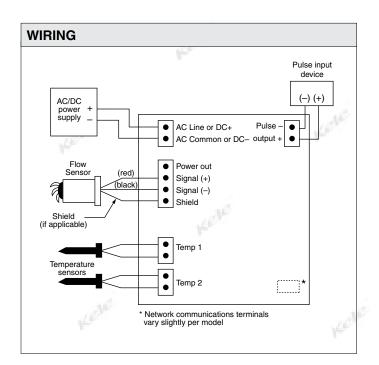
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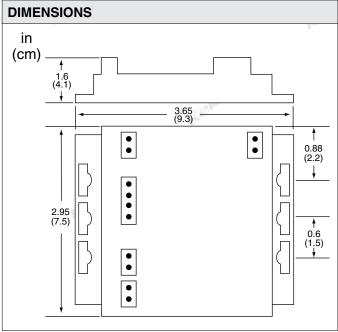
## **FEATURES**

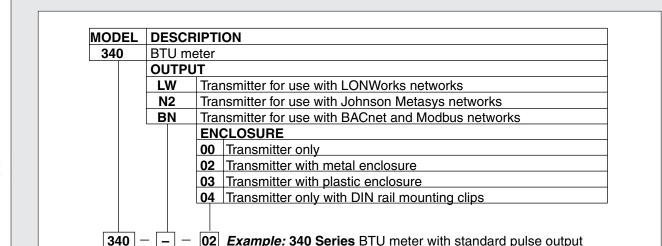
- · AC or DC powered for installation flexibility
- · Field programmable makes changes easy
- · Small footprint saves space
- Uses two matched 10 K $\Omega$  Type II thermistors
- · Used with Data Industrial flow sensors
- · Bas communication standard

SPECIFICATIONS			
Supply Voltage	12-24 VAC ±5% or 12-35 VDC ±10% @ 60 mA	Communication	BACnet and Modbus, LonWorks, Metasys N2, or Modbus (select at
Input Signal	Excitation voltage: 3-wire, 7.9-11.4 VDC, $270\Omega$ source impedance Pulse sensors: Signal amplitude 2.5 VDC threshold, signal limit <35V AC or DC peak, Temperature sensors: Two matched 10 k $\Omega$ @ 25°C, two-wire, Type II	Configuration	time of ordering) Windows® based A301- 20 programming kit (order separately) cable connects to DIC communication port and DB9 COM port on a computer for calibration of flow sensor information, units, output
Output Signal	Pulse: isolated solid state switch BACnet and Modbus: MSTP, RS-485, LonWorks: TP/FT10	Mounting	scaling; unit must be powered to configure
BTU Pulse Output	N2: RS-485  Voltage range: 0 to ±60V (DC or AC peak); On-state load current: 700 mA maximum; On-state load resistance: 700 mΩ; Off-state leakage: < 1μA @ 60 V peak; Pulse width: adjustable from .05 to 5.0 seconds	-00 Enclosure -02 Enclosure -03 Enclosure -04 Enclosure Operating Temperature Weight Warranty	Surface mount, no enclosure Surface mount, in metal enclosure Surface mount, in plastic enclosure DIN rail mount, with clips -20° to 158°F (-29° to 70°C) 0.3 lb (0.14 kg) without enclosure 1 year
COMM Interface	Computer connection allows visibility of real-time flow rate, flow total, temperature readings, energy rate and energy total		









and metal enclosure

**ORDERING INFORMATION** 

PRELATED PRODUCTS

200 Series
Data Industrial impeller type flow sensors with pulse output Flow/BTU transmitter programming kit, includes cable ST-U24B-XP
Temperature sensors, matched ±0.1°F, brass wells

ST-U24S-XP
Temperature sensors, matched ±0.1°F, stainless steel wells

ACCESSORIES

691-K0A Control transformer, 120:24 VAC, 40 VA, Class 2

DCP-1.5-W Power supply, 24 VAC IN to 24 VDC OUT