

### DESCRIPTION

The model 320 is a compact, programmable transmitter capable of converting the signal from flow sensors to a scaled units/pulse signal. In addition to our standard square wave signal, it can also accept a sine wave making it a versatile transmitter for numerous applications. With an onboard microcontroller and digital circuitry, the 320 is programmed from a Windows® based computer program. This eliminates the need to set dip switches and produces precise, accurate and drift free signals of high resolution. The compact cast epoxy body measures 44 mm (1.75") x 70 mm (2.75") x 25 mm (1") and can easily be mounted to panels, DIN rails or enclosures. With multiple inputs, ease of use and a variety of enclosures, the model 320 is a powerful and competitive transmitter for many of today's demanding applications.

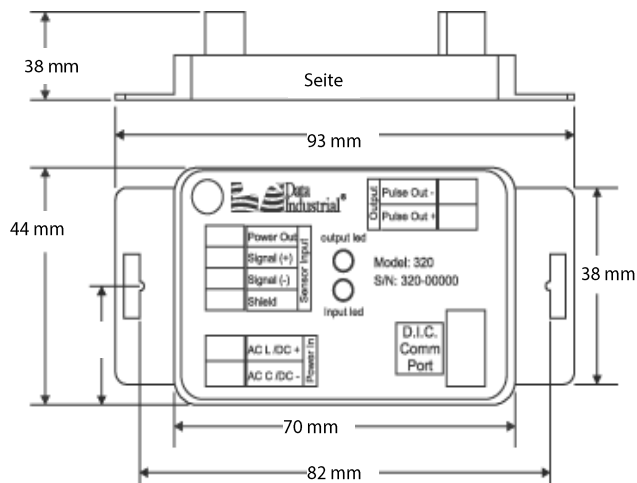


### FEATURES

- Scalable pulse transmitter
- Parametering via PC/laptop

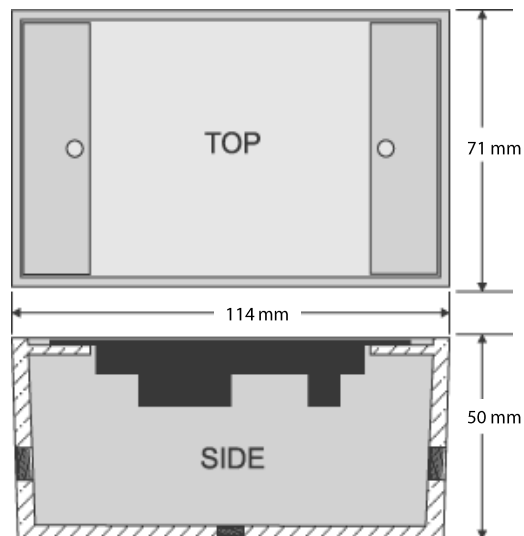
### DIMENSIONS

Transmitter only



\*Data Industrial is a Badger Meter, Inc. company.

Optional enclosure (ver. 320-02 & 320-03)



## TECHNICAL DATA

<b>Power</b>	12-30 VAC, 85 mA max. 12-40 VDC, 30 mA max. Reverse and overvoltage protected to 40 VDC
<b>Input frequency</b>	0.4 bis 10 kHz
<b>Transient suppression</b>	Complies with IEC-801-4 electrical burst, fast transient specification
<b>Pulse output</b>	Isolated solid state switch in any standard or custom flow total units Adjustable 50 mS to 1.0 second pulse output width in 50 mS increments
<b>Operating temperature</b>	-29°C bis 70°C (-20 °F to 158 °F)
<b>Storage temperature</b>	-40°C bis 85°C (-40 °F to 185 °F)

## 320 ORDERING MATRIX

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### Series

Programmable analog transmitter      320 ██████

### Options

Transmitter only	00
W / NEMA 4X enclosure	01
W / Metal enclosure	02
W / Plastic enclosure	03
W / DIN Rail mounting clips	04