

Zephyr Model A19 Speed Indicator

Document 1878B

NEW FEATURES

- 10 Minute Averaging Time
- 1/10th Count Resolution
- Sensor Fault Detection

Wind Speed	Miles per hour
	Meters per second
	Kilometers per hour
Shaft Speed	Revolutions per minute
Fluid Flow	Gallons/Liters per minute

The Zephyr Digital Speed/Rate Indicator displays the current speed detected by the sensor (anemometer, RPM transducer, flow sensor) to show wind speed, RPM, gallons or liters per minute. The popular A75-104 Anemometer is the standard sensor supplied with Model A70-S Instruments.

The Zephyr is updated every 2 seconds and speed/rate is shown on a large digital (LCD) display. Speed averaging periods up to 10 minutes can be provided. Averaging period must be specified at time of order.

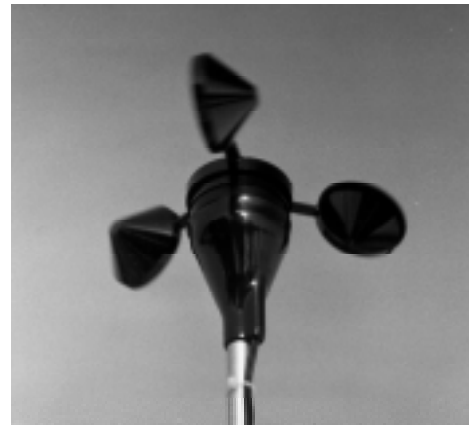
APPLICATIONS: Readout of sensor for RPM, wind speed, process control. The Zephyr may be used as a stand-alone instrument or as an add on to other Comptus equipment, sharing the signal from its sensor. Teamed with the C45 Precision Controller, the Zephyr provides an instantaneous display of input whether it be wind speed, RPM or fluid flow.

Also an excellent companion for one of our chart recorders or dataloggers.

Sensor cable runs of 1000 feet or more are possible with no loss of accuracy.



Zephyr in 1/8 DIN Enclosure



*Favonius Three Cup Anemometer
Model A75-104*



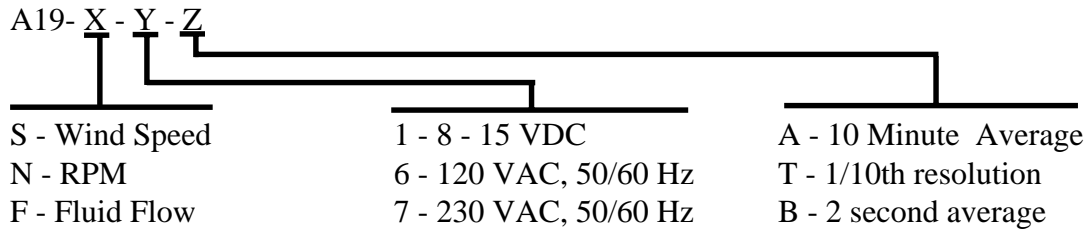
Zephyr in Weatherproof Enclosure

ISO 9001 Registered

Comptus Inc® 342 Lyndeboro Rd., New Boston, NH USA
Phone: 603 487-5512 Fax: 603 487-5513 E-mail: sales@comptus.com

Zephyr Model A19

Model Designation



SPECIFICATIONS:

Operating Power: 120 VAC, 50/60Hz
230 VAC, 50/60Hz
8-15VDC, 15mA

Response Time: Standard 2 seconds, approx.
10 Min. Avg. - 600 Seconds
0.1 Resolution - 17 Seconds

Input Device: Favonius Anemometer
A50 RPM Transducer
S50 Flow Sensor
(Higher performance sensors available)

Dimensions: 1/8 DIN Cut Out X 5 1/2" D
(4"W x 2"H x 5 1/2"D)
N4PC Enclosure:
7" H X 5" W X 3" D

Display: 16 Character liquid crystal display (LCD)

Weight: 1 pound

Controls: None

Connectors: Signal - Terminal Block
Power - Miniature phono jack

Accuracy: Electronics - +0.002%
Sensors - see separate spec

Maintenance: Anemometer - Recalibrate annually &
replace every 5 years

Standard

RPM - None

Resolution: Wind Speed 1 M/Hour
Wind Speed 1 m/Sec
RPM 1 RPM
Fluid Flow 1 GPM

Fluid Flow - Recalibrate annually

Special Requirements: Thor Lightning Protector
recommended for sensor protection

Operating Temperature:

Electronics.: -20 / 60 °C
A75-104 Anem.: -55 / 60 °C

ISO 9001 Registered

Comptus Inc®

342 Lyndeboro Rd., New Boston, NH USA

Phone: 603 487-5512 Fax: 603 487-5513 E-mail: sales@comptus.com