

VISTA TOUCH FLOW

Touch Screen Flow Rate Indicator and Totalizer

For use with Industrial Flow Meters



MULTIPLE CONFIGURABLE DISPLAY OPTIONS



Modbus®
RTU over RS485 and
TCP over Ethernet*



Graphic Display



**Touchscreen
programmable**



**Built-in remote
monitoring**



**Configuration Save and
Export via USB flash drive***



**2 Relay Outputs
1 Analog Output
2 Digital Inputs**

0.1%

Accuracy

- 0.1% accuracy across the input range
- 65K full color 70mm x 70mm [2.76" x 2.76"] graphics display
- Simple and intuitive touchscreen
- Fully configurable from the front panel
- Advanced alarm notifications
- Load and save configuration data to a USB flash drive*

- Free access to the IoT Trumeter Cloud remote monitoring with texts and emails alarm notifications
- Modbus® RTU and TCP*
- Industry standard ¼ DIN mounting
- Ethernet and RS485 as standard*
- Modular pluggable quick connect/disconnect connectors

*Feature available 2024 via software update

Go to www.trumeter.com for further information

Measurement Input

Input	Operating Range	Accuracy	Resolution	Frequency
Voltage	0V to +10V DC	0.1% of full scale	400uV	DC
Current	-50mA to +50mA	0.1% of full scale	2uA	DC
Pulse / Rate	Logic 0 = 0 to 0.6V DC Logic 1 = 2.5V to 24V DC	100PPM	1uSec	0 to 10KHz

Power Supply

Mains Version	100-277VAC 50/60Hz 10W
Low Voltage Version	12-24VAC/DC and 50/60Hz 10W

Memory

2MB of internal non-volatile memory to store all settings
Supports USB flash drive (FAT16/FAT32 format up to 32GB)

Communications, Networking and IoT

RS485	Modbus RTU*
Ethernet	Modbus TCP*
Platform	Trumeter IoT Cloud
USB	Mass storage (USB flash drive)

Outputs

Relay	2 x Form C relay (277V AC / 5A Max 30V DC / 5A Max)
Analog	4-20mA Analog Output
24VDC	Excitation voltage output (50mA Max)

Control Inputs

Opto Isolated	2 x control input (12V to 277V AC/DC)
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Certifications

CE, UKCA, UL and cUL, EN61010-1

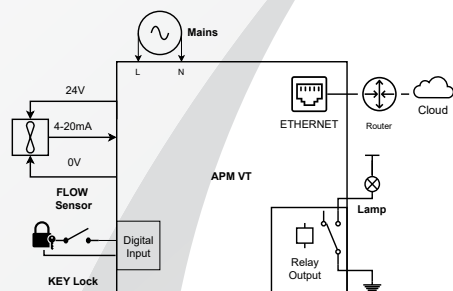
Environmental

Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Storage temperature	-20°C to +70°C (-4°F to +158°F)
Humidity	1% to 85% max non-condensing
IP rating (from the front)	IP65, NEMA250 and UL50 Type 4 and Type12
Shock	20g to IEC68-2-27
Vibration	5-500Hz, 2g
Altitude	up to 2000 meters
Installation Category	II
Pollution Degree	2

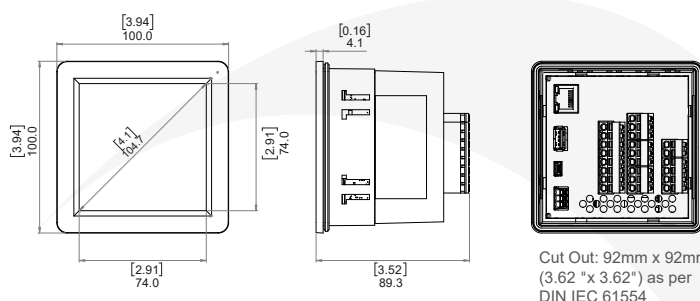
Display

Visible screen area	70mm x 70mm [2.76" x 2.76"]
Resolution	480 x 480 pixels
Brightness	450cd/m ²
Contrast ratio	800:1
Colors	65,536
Impact Resistance	IK03 Toughened glass to EN62262
Viewing angle	160° horizontally; 160° vertically
Touch	Multi zone touch capacitive
Scratch Resistance	6H to ASTM D4587

Typical Application



Mechanical



Part Numbers

VT-FLOW-LV	Vista Touch Flow Meter 12-24VAC/DC
VT-FLOW-HV	Vista Touch Flow Meter 100-277VAC
VT-FLOW-XXX	Vista Touch Flow Meter Custom

