

TRITON+[®]

Flow Meter Specifications



Connectors	U.S. Military specification MIL-C 26482 series 1, for environmental sealing, with gold-plated contacts	Mounting Options	Mount on the manhole rung use standard hook (ADS p/n 8000-0021)
Communication	Third-party, FCC/IC/EC- and carrier-approved wireless modem Compatible with 4G LTE-M networks worldwide with 2G fallback (where available) Automatically detects installed SIM upon boot up to determine correct network Modem FCCID: R17ME910C1WW	Intrinsic Safety Certifications	Mount permanently to the manhole wall use monitor mounting bracket/flange (ADS p/n I40-0009) Mount to the manhole rim use monitor bracket/flange (ADS p/n I40-0009) Certified under the ATEX European Intrinsic Safety standards for Zone 0 rated hazardous areas
Monitor Interfaces	Supports simultaneous interfaces with up to two combo sensors Supports optional Analog and Digital I/O with ADS XIO: two 4-20 mA inputs and outputs, two switch inputs and two relay outputs	Certified under IECEx (International Electrotechnical Commission) Intrinsic Safety Standards for use in Zone 0 rated hazardous areas (equivalent to Class I, Division 1, Groups C & D)	CSA Certified to Class 225803 Process Control Equipment, Intrinsically Safe and Non-Incendive Systems – For Zone 0 Hazardous Locations, Ex ia IIB T3 (152°C) in Canada
Power	Internal - Battery life with a cellular modem: • Over 15 months at a 15-minute sample rate* • Over 6 months at a 5-minute sample rate* External - Optional external power available with ADS External Power and Communications Unit (ExpAC) with an ADS- or customer-supplied 9-36 Volt DC power supply * Rate based on collecting data once a day and varies according to sensor configuration and operating temperature	CSA Certified to Class 225883 Process Control Equipment, Intrinsically Safe and Non-Incendive Systems – For Class I Zone 0 Hazardous Locations, AEx ia IIB T3 (152°C) in the USA (equivalent to Class I, Division 1, Groups C & D)	Other Certifications/Compliances
Connectivity	Modbus ASCII: Wireless; Wired using ADS ExpAC or XBUS Modbus RTU: Wireless; Wired using ADS ExpAC or XBUS Modbus TCP: Wireless only	FCC Part 15 and Part 68 compliant Carries the EU CE mark ROHS (lead-free) compliant Canada IC CS-03 compliant	     
Operating and Storage Temperature	-4 degrees to 140 degrees F (-20 degrees to 60 degrees C)	 	 
Compatibility	Attachable ADS Sensors Qstart™XML with TRITON+® firmware version 6.42 and higher PRISM™	Certificate No: 940056	



Learn more about **TRITON+**
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