## TRITON+ Flow Meter Specifications

| Connectors | U.S. Military specification MIL-C 26482 series 1, for environmental sealing, with gold-plated contacts |
| 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 |
| Monitor Options | Mount on the manhole rung use standard hook (ADS p/n 8000-0021) |
| | 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) |
| Intrinsic Safety Certifications | Certified under the ATEX European Intrinsic Safety standards for Zone 0 rated hazardous areas |
| | 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 |
| | 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 | FCC Part 15 and Part 68 compliant |
| | Carries the EU CE mark |
| | ROHS (lead-free) compliant |
| | Canada IC CS-03 compliant |

### Connectors
- U.S. Military specification MIL-C 26482 series 1, for environmental sealing, with gold-plated contacts

### 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

### Mounting Options
- Mount on the manhole rung use standard hook (ADS p/n 8000-0021)
- 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)

### Intrinsic Safety Certifications
- Certified under the ATEX European Intrinsic Safety standards for Zone 0 rated hazardous areas
- 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
- 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
- FCC Part 15 and Part 68 compliant
- Carries the EU CE mark
- ROHS (lead-free) compliant
- Canada IC CS-03 compliant

### Connectors
- U.S. Military specification MIL-C 26482 series 1, for environmental sealing, with gold-plated contacts

### 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

### 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
  
### Connectivity
- **Modbus ASCII**: Wireless; Wired using ADS ExPAC or XBUS
- **Modbus RTU**: Wireless; Wired using ADS ExPAC or XBUS
- **Modbus TCP**: Wireless only

### 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™