**FEATURES**
- Easy interface & factory pre-configured
- Programmable control inputs and outputs
- Approvals for use in hazardous areas

**BENEFITS**
- Works out of the box, reduce installation cost
- Transmits flow rate, total, density or temperature
- Certified for use in nearly all plant environments

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**SPECIFICATIONS**

**Display:**
- back-lit LCD screen
- 132 x 32 dot
- Programmed via front keyboard or TRICOR configurator (Modbus)

**Supply Voltage:**
- 24 V DC or
- 100 ... 240 V AC (version dependent)

**Power Consumption:**
- 4 W (DC), max. 11 W (AC)

**Reverse Polarity Protection:**
- yes

**Galvanic Isolation:**
- 2,500 V AC

**Interfaces:**
- RS485 (Modbus RTU), HART®
- Foundation Fieldbus®

**Cable Glands:**
- Suitable for ∅ 7 - 13 mm cables
- Material: Brass/Ni plated
- (option: 1.4404 [AISI 316])
- Thread: 2 x ½” NPT or 2 x M20 x 1.5

**Housing Material:**
- Aluminum
- option: 1.4404 [AISI 316L]

**Protection Class:**
- IP65 (IP66/IP67 on request)

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**ANALOG OUTPUT**

**Current Outputs (2x):**
- 4 ... 20 mA passive

**Output Value (programmable):**
- flow, total mass, total volume, density, temperature

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**PULSE OUTPUT**

**Frequency Range:**
- 0.5 - 10,000 Hz

**Output Signal:**
- active push-pull output for flow rate

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**STATUS IN- AND OUTPUT**

**Status Output:**
- push pull programmable
  - in TOTAL mode: 0.5 - 100 Hz
  - in FREQUENCY mode: 0.5 - 10,000 Hz

**Control Input:**
- programmable

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**ANALOG INPUT (OPTION):**

**Input Type:**
- 4 ... 20 mA active
  - for two-wire passive pressure sensor

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**TEMPERATURE**

**Ambient Temperature (AC):**
- -40 °C ... +50 °C [-40 °F ... +122 °F]

**Ambient Temperature (DC):**
- -40 °C ... +70 °C [-40 °F ... +158 °F]

**Storage and Transport:**
- -40 °C ... +80 °C [-40 °F ... +176 °F]

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**CONNECTIVITY**

**Electrical Connections:**
- cage clamp terminals
**CLASSIC Series | TCE 8000/8100 Coriolis Transmitter**

**METER DIMENSIONS AND WEIGHTS**

A) Meter-Mount Electronics

B) Wall-Mount Electronics

Weight: aluminum diecast housing:

- 3.8 kg [8.4 lb] with 3 m cable

- 1.4404 [AISI 316L] housing:

- 6.15 kg [13.56 lb]

C) Meter-Mount Electronics with blind cover

**APPROVALS & CERTIFICATIONS**

**Hazardous area**

| ATEX Zone 1 | Compact version: | II 2G Ex db ia IIC T4Gb |
| Remote version: | II 2(1)G Ex db [ia Ga] IIC T4Gb |
| ATEX Zone 2 | All versions: | II 3G Ex na IIC T4 |
| IECEx | Compact version: | Ex db ia IIC T4Gb |
| Remote version: | Ex db [ia Ga] IIC T4Gb |
| cCSAus | Compact version: | Cl. 1, Div. 1, Group C, D: T4 (US, Can) Ex db [ia Ga] IIC T4Gb (Can) |
| Remote version: | Cl. 1, Div. 1, Group C, D: T4 (US, Can) Ex db [ia Ga] IIC T4Gb (Can) |
| EAC (TR-CU) | Compact version: | 1Ex d [ia] IIC T4Gb X |
| Remote version: | 1Ex d [ia Ga] IIC T4Gb X |
| KGS (Korean) | All versions: | Ex d [ia] IIC T4 |

**EMC**

EN 61000-6-4

EN 61000-6-2

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*For cCSAus the electronic is only available in aluminum housing.

*Only for remote electronics.