TCA Coriolis Transmitter

FLOW RATE

Mass Flow Rate (max.): 7 device sizes up to 28,000 kg/h

PRESSURE RATING

100 bar [1,450 psi]	TCM 5500 - TCM 028k
200 bar [2,900 psi]	TCM 0325 - TCM 3100

ACCURACY (LIQUIDS)[1)]

Basic Accuracy (Mass Flow):	±0.1 % of flow rate
Repeatability (Mass Flow):	±0.05 % of flow rate
Zero Stability:	±0.01 % of full scale

ACCURACY (GASES)

Basic Accuracy (Mass Flow):	±0.5 % of flow rate
Repeatability (Mass Flow):	±0.25 % of flow rate

DENSITY

Density Range:	up to 2,500 kg/m³ [2.5 g/cm³]
Density Accuracy:	±1.0 kg/m³ [±0.001 g/cm³]
Density Repeatability:	±0.5 kg/m³ [±0.0005 g/cm³]

TEMPERATURE

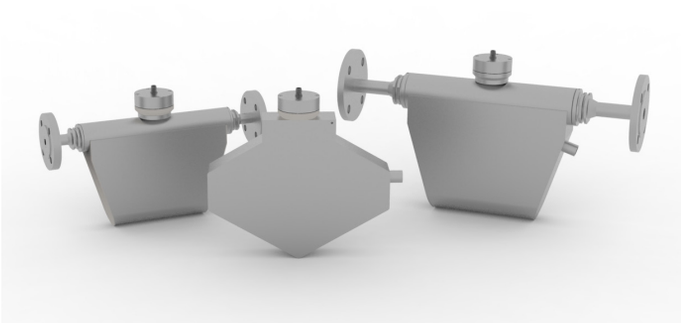
Process Temperature Range:	
Compact:	-40 °C ... +80 °C [-40 °F ... +176 °F]
Standard temperature:	-40 °C ... +150 °C [-40 °F ... +302 °F]
High temperature:	-40 °C ... +200 °C [-40 °F ... +392 °F]
Ambient temperature:	-40 °C ... +60 °C [-40 °F ... +140 °F]
Storage temperature:	-40 °C ... +70 °C [-40 °F ... +158 °F]

BENEFITS

- Permanent visual status feedback of metering conditions
- Ideal for dynamic applications
- Plug and Play for Transmitter adaption
- Exchangeability of Transmitter in the field

FEATURES

- RS485 RTU (Modbus)
- Stainless Steel housing material
- Excellent repeatability
- Small-Size Design





ELECTRONICS

Power Supply:	24 V DC
Interfaces:	RS485 RTU (Modbus)
Connector:	M12 5 Pol

VISUAL STATUS FEEDBACK

Green:	Normal Operation
Yellow:	Startup or Indication of worse operational conditions
Red:	Critical system Error

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[1)] *Stated flow accuracy combines the effects of repeatability, linearity and hysteresis.*