



PRO Series | TCD 9010 Coriolis Transmitter

FEATURES

- Light weight compact electronics
- DSP Technology with adjustable filtering
- Excellent Repeatability ($\pm 0.05\%$), Accuracy ($\pm 0.1\%$)
- Advanced diagnostics, data processing

BENEFITS

- ▶ Compact design for OEM and skid manufacturers
- ▶ Reliable measurement under challenging conditions
- ▶ Increased product quality
- ▶ Optimize control and lifecycle management

SPECIFICATIONS

Supply Voltage:	12 ... 27 V DC
Power Consumption:	1.1 W
Interfaces:	Modbus RTU
Cable Gland:	½" NPT M20 (on request)
Cable:	Standard industrial signal cable up to 200 m long, 2x screened pairs or 4-wire overall
Housing Material:	Aluminum
Protection Class:	IP65, Option: IP67 NEMA 4X to IEC 529 and DIN 40050 (1 mH ₂ O for 30 min.)
Weight:	1.4 kg [3.1 lb]

TEMPERATURE

Ambient Temp. Transmitter:	-40 °C ... +60 °C [-40 °F ... +140 °F] (humidity max. 95 %)
Storage and Transport:	-40 °C ... +70 °C [-40 °F ... +158 °F]

APPROVALS & CERTIFICATIONS

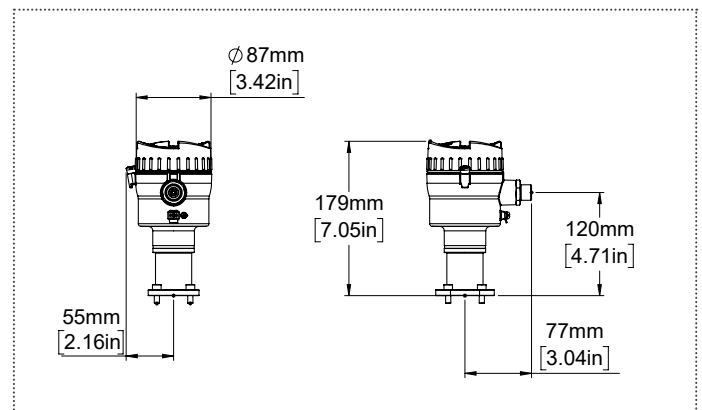
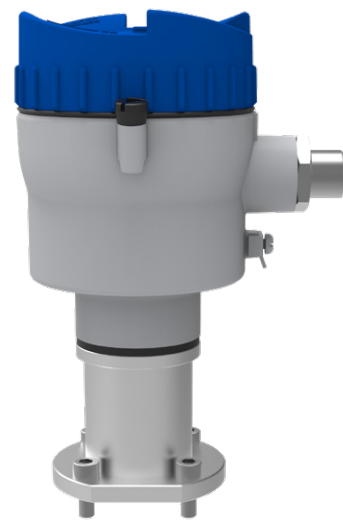
Hazardous area (Ex)

ATEX (Ex)	Zone 1: Group IIC or IIB, T2...T6
ATEX (Exn)	Zone 2: II 3G Ex nA IIC T2...T6 Gc
IECEx (Ex)	Zone 1: Group IIC or IIB, T2...T6
cCSAus (Ex1)	Class 1, Division 1: Group A, B, C, D or C, D, T2...T6

¹⁾ Release pending.

EMC

EN 55011/CISPR-11 (Class A)
EN/IEC 61236-1 (Industry)



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