



FEATURES

- DSP technology with adjustable filtering
- Cycle time less than 10 ms
- Advanced diagnostics, data processing, logging
- Excellent repeatability (better than $\pm 0.05\%$), accuracy ($\pm 0.1\%$)

BENEFITS

- ▶ Reliable measurement under challenging conditions
- ▶ Applicable for highly dynamic applications
- ▶ Advanced diagnostics, data processing, logging
- ▶ Increased product quality

SPECIFICATIONS

Display:	240 x 160 pixels
Supply Voltage:	19.2 ... 28.8 V DC 100 ... 240 V AC
Power Consumption:	7.5 W/15 VA
Interfaces:	[CH1]: HART 7.2 or Profibus PA/DP or Modbus RTU [CH2, CH3, CH4]: Plug-In I/O Card
Housing Material:	Aluminum
Protection Class:	IP65, Option: IP67 NEMA 4X to IEC 529 and DIN 40050 (1 mH ₂ O for 30 min.)

PLUG-IN I/O-CARD

Available Cards:	Optional, three configurable channels Option 1: Signal I/O, Signal I/O, Signal I/O Option 2: Signal I/O, Signal I/O, Relay
Signal I/O:	Configurable universal I/O channels: current output, digital output or digital input
Current Output:	0 ... 20 mA or 4 ... 20 mA (CH1 only 4 ... 20 mA)
Digital Output:	Pulse: 41.6 μ s ... 5 s pulse duration Frequency: 0 ... 10 kHz Active: 0 ... 24V DC, 110 mA
Digital Input:	15 ... 30 V DC, 2 ... 15 mA
Relay:	Voltage-free contact 30 V AC, 100 mA
Output Value (programmable):	Mass flow, volume flow, total mass, total volume, corrected volume, density, temperature, fraction (flow/mass/%)

TEMPERATURE

Ambient Temp. Transmitter:	-40 °C ... +60 °C [-40 °F ... +140 °F] (humidity max. 95 %)
Ambient Temp. Display:	-20 °C ... +60 °C [-4 °F ... +140 °F]
Storage and Transport:	-20 °C ... +70 °C [-4 °F ... +158 °F]

CONNECTIVITY

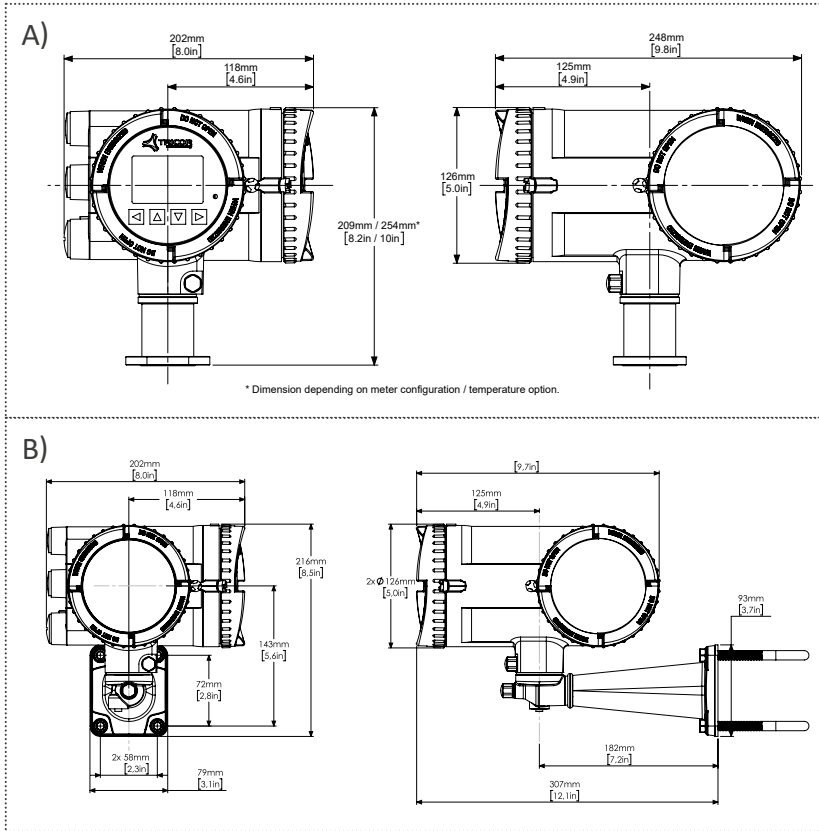
Cable:	4-wire standard industrial signal cable, up to 200 m long, 2x screened pairs
Cable Gland:	½" NPT M20x1.5



Compact Version



Remote Version (wall mount)



METER DIMENSIONS AND WEIGHTS

- A) Meter-Mount Electronics
Weight: 4.5 kg [9.9 lb]
- B) Wall-Mount Electronics
Weight: 5.6 kg [12.3 lb] with 3 meter cable

APPROVALS & CERTIFICATIONS

Hazardous area (Ex)

ATEX, IECEx, cCSAus: version-dependent.

For details see datasheet TCMP or TCMQ series.

EMC

EN 55011/CISPR-11 (Class A)

EN/IEC 61236-1 (Industry)

www.tricorflow.com

NORTH & SOUTH AMERICA
 AW-Lake Company
 2440 W. Corporate Preserve Dr. #600
 Oak Creek WI 53154 | USA
 +1 414 574 4300

ASIA PACIFIC & MIDDLE EAST
 KEM Küppers Elektromechanik GmbH
 Liebigstraße 5
 85757 Karlsfeld | Germany
 +49 8131 59391-0

CHINA
 KEM flow technology (Beijing) Co., Ltd.
 Rm. 906, Block C, Ruiipu Office Bldg, No. 15
 HongJunYingNan Road
 Chaoyang District, Beijing 100012 | China
 +86 10 84929567



EUROPE (ROW)
 KEM Küppers Elektromechanik GmbH
 Liebigstraße 5
 85757 Karlsfeld | Germany
 +49 8131 59391-100