



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

SPECIFICATIONS

Display:	back-lit LCD screen 132 x 32 dot Programmed via front keyboard or TRICOR configurator (Modbus)
Supply Voltage:	24 V DC, $\pm 20\%$ or 90 ... 264 V (version dependent)
Power Consumption:	max. 13 W (AC), 4 W (DC)
Interfaces:	RS485 (Modbus RTU), HART®, Foundation Fieldbus®
Housing Material:	Noryl
Protection Class:	front: IP50 rear: IP30

ANALOG OUTPUT

Current Outputs (2x):	4 ... 20 mA passive
Output Value (programmable):	flow, total mass, total volume, density, temperature

PULSE OUTPUT

Frequency Range:	0.5 - 10,000 Hz
Output Signal:	active push-pull output for flow rate

STATUS IN- AND OUTPUT

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

ANALOG INPUT (OPTION)

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

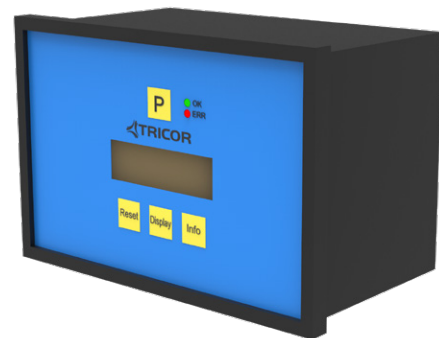
Ambient Temperature (AC):	$\pm 0\text{ }^{\circ}\text{C}$... $+40\text{ }^{\circ}\text{C}$ [-32 $^{\circ}\text{F}$... +104 $^{\circ}\text{F}$]
Ambient Temperature (DC):	$\pm 0\text{ }^{\circ}\text{C}$... $+60\text{ }^{\circ}\text{C}$ [-32 $^{\circ}\text{F}$... +140 $^{\circ}\text{F}$]
Storage and Transport:	$-20\text{ }^{\circ}\text{C}$... $+70\text{ }^{\circ}\text{C}$ [-4 $^{\circ}\text{F}$... +158 $^{\circ}\text{F}$]

CONNECTIVITY

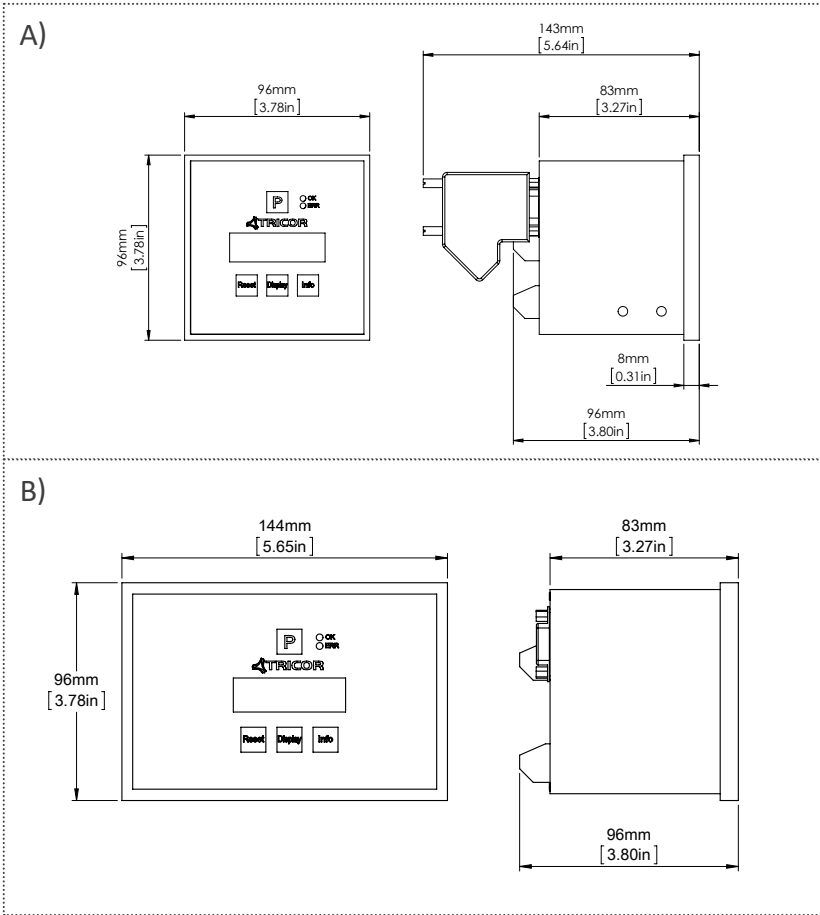
Electrical Connections:	cage clamp terminals
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Standard Version



Ex Version



METER DIMENSIONS AND WEIGHTS

A) Standard Version
Weight: 0.4 kg [0.88 lb]

B) Ex Version
Weight: 0.4 kg [0.88 lb]

APPROVALS & CERTIFICATIONS

Hazardous area (Ex)

ATEX (Ex)	Zone 1: Group IIC or IIB, T2...T4
ATEX (Exn)	Zone 2: II 3G Ex nA IIC T2...T4 Gc
IECEX (Ex)	Zone 1: Group IIC or IIB, T2...T4
cCSAus (Ex1)	Class 1, Division 1: Group A, B, C, D or C, D, T2...T4
EAC (TR-CU)	Group IIC or IIB, T2 ... T4

EMC

EN 61000-6-4
EN 61000-6-2