

## MTL831C MTL Instruments 12VDC To 24VDC Analog Pressure Transmitter

Our Product Introduction

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### Basic Information

- Place of Origin: UK/China
- Brand Name: MTL
- Certification: HART
- Model Number: MTL831C
- Minimum Order Quantity: 1
- Price: Negotiate
- Packaging Details: carton
- Delivery Time: stock
- Payment Terms: T/T
- Supply Ability: 1000pcs per week

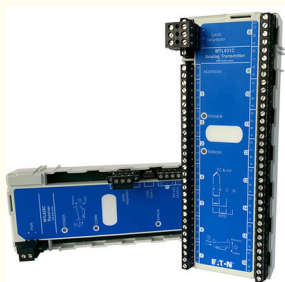


### Product Specification

- Manufacturer: MTL Instruments
- Product No: MTL831C
- Accuracy:  $\pm 0.1\%$
- Operating Temperature: -40 To +85°C
- Shipping Weight: 1kg
- Quality Guarantee: 1 Year
- Highlight: **MTL831C MTL Instruments, MTL Instruments 12VDC, 24VDC analog pressure transmitter**



### More Images



## Product Description

### MTL831C MTL Instruments Analog Transmitter

The MTL831C Analog Transmitter can transfer a number of hazardous area input signals to the safe area down a data highway consisting of a single shielded, twisted pair cable. It is intrinsically safe and can therefore be mounted in Zone 0 hazardous areas or hazardous locations.

The MTL831C can monitor up to 16 inputs from THC or millivolt sources or 2, 3 or 4-wire RTDs or potentiometers. A data highway is provided that can carry both signal and power over distances up to 2km, depending on the application, the cable and the (noise) environment. Shielded twisted pair is highly recommended. At the other end of the data highway, an MTL838C Receiver translates the information transmitted from the MTL831C. One or two MTL831Cs may be connected to a single MTL838C.

The MTL838C provides a \*Modbus® serial data output representation of the inputs together with status information. When the MTL831C transmitter is mounted in the hazardous area, the data highway must be protected by an MTL5553/MTL5053 Isolator/Power Supply mounted in the safe area.

Some of the key features of the MTL831C include:

Intrinsically safe for use in hazardous areas

Can monitor up to 16 inputs

Built-in Modbus® interface

Wide range of input types

High accuracy and stability

The MTL831C is a versatile analog transmitter that can be used in a variety of applications, including:

Process control

Temperature measurement

Level measurement

Flow measurement

Pressure measurement

Here are some additional details about the MTL831C:

Power supply: 12 to 24 VDC

Output: 4 to 20 mA

Accuracy:  $\pm 0.1\%$

Stability:  $\pm 0.05\%$  per year

Operating temperature: -40 to +85°C

Weight: 250 g

Dimensions: 107 x 67 x 25 mm

#### Related Models:

HCU16	MTL5521
HCU3700	MTL5522
HM64RIB20-1.0	MTL5531
HM64RIB20-1.5	MTL5532
HMM64	MTL5541
HMRIB16-1.0	MTL5541S
HMS64	MTL5544
HTP-SC32	MTL5544D
MTL4044D	MTL5546
MTL4511	MTL5546Y
MTL4516	MTL5561
MTL4516C	MTL5573
MTL4521	MTL5575
MTL4541	MTL5582B
MTL4541	MTL7728+
MTL4544	MTL7756AC
MTL4544D	MTL7760AC
MTL4546Y	MTL7761PAC
MTL4549Y	MTL7765AC
MTL4573	MTL7787+
MTL4575	MTL7787P+
MTL4646Y	MTLCPS16

MTL4850	NJ5-18GK-N
MTL4851	SD150X
MTL4852	SD32
MTL5018	SD32X
MTL5032	SDRTD
MTL5042	SLP32D
MTL5044	TP48-3-I-NDI
MTL5049	TP48-3-N-NDI
MTL5511	TP48-4-I-NDI
MTL5514D	TP48-4-N-NDI
MTL5516	TP48-N-NDI
MTL5516C	ZB24571

