

MTL5541 MTL Repeater Power Supply 4mA 20mA HART 2 Or 3 Wire Transmitters

Our Product Introduction

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Basic Information

- Place of Origin: UK/China
- Brand Name: MTL
- Certification: HART
- Model Number: MTL5541
- 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: MTL5541
- Signal Range: 4 To 20mA
- Under/over-range: 0 To 24mA
- LED Indicator: Green: Power Indication
- Weight: 0.11KG
- Highlight: 3 Wire MTL5541, Repeater Power Supply 4mA, Repeater Power Supply 20mA



More Images



Product Description

MTL5541 MTL Repeater Power Supply 4/20mA HART® 2 Or 3 Wire Transmitters

The MTLx541 provides a fully-floating dc supply for energising aconventional 2- or 3-wire 4/20mA transmitter, which is located in a hazardous area, and repeats the current in another floating circuit to drive a safe-area load. For HART 2-wire transmitters, the unit allows bi-directional communications signals superimposed on the 4/20mA loop current. Alternatively, the MTLx541S acts as a current sink for a safe-area connection rather than driving a current into the load. Separately powered current sources, such as 4-wire transmitters, can be connected but will not support HART communication.

Manufacturer: MTL Instruments

Product No. : MTL5541

Product Type: Repeater Power Supply

Number of channels: One

Location of transmitter: Zone 0, IIC, T4–6 hazardous area if suitably certified Div. 1, Group A hazardous location

Safe-area circuit ripple: < 50µA peak-to-peak

Transfer accuracy at 20°C : Better than 15µA

Temperature drift: < 0.8µA/°C

Response time: Settles to within 10% of final value within 50µs

Communications supported : HART® (terminals 1 & 2 only)

LED indicator : Green: power indication

Maximum current consumption (with 20mA signal) : 51mA at 24V

Dimensions (LxWxH) : 1.58 cm x 10.98 cm x 12.36 cm

Weight: 0.11 Kg



HCU16	MTL5521	MTL4575
HCU3700	MTL5522	MTL4646Y
HM64RIB20-1.0	MTL5531	MTL4850
HM64RIB20-1.5	MTL5532	MTL4851
HMM64	MTL5541	MTL4852
HMRIB16-1.0	MTL5541S	MTL5018
HMS64	MTL5544	MTL5032
HTP-SC32	MTL5544D	MTL5042
MTL4044D	MTL5546	MTL5044
MTL4511	MTL5546Y	MTL5049
MTL4516	MTL5561	MTL5511
MTL4516C	MTL5573	MTL5514D
MTL4521	MTL5575	MTL5516
MTL4541	MTL5582B	MTL5516C
MTL4541	MTL7728+	MTL7787P+
MTL4544	MTL7756AC	MTLCPS16
MTL4544D	MTL7760AC	NJ5-18GK-N
MTL4546Y	MTL7761PAC	SD150X
MTL4549Y	MTL7765AC	SD32
MTL4573	MTL7787+	SD32X
TP48-4-N-NDI	TP48-3-N-NDI	SDRTD

TP48-N-NDI	TP48-4-I-NDI	SLP32D
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