

Universal instrument for monitoring and calibration of signal converters and process data

Supplies or monitors current- and voltage signals

Analogue adjustment and digital display

Supplied from battery or line via adaptor

Made in accordance with the  and EMC regulations



The MS4201 is a battery supplied field instrument, which can be used for test and simulation of current- and voltage signals within the ranges 0-20 mA and 0-10 V.

The MS4201 can supply 0-20 mA or 0-10V DC variable. Furthermore there are 2 fixed positions for 2 V / 4 mA or 10 V / 20 mA.

The function "passive" is used for simulation of 2-wire transmitters, and the unit is then consuming the adjusted current..

Furthermore you can use the instrument for monitoring of 0-25 mA or 0-25 VDC.

The MS4201 is supplied from a standard 9 V battery, and it is also supplied with a plug for connection to an adaptor. If the instrument has not been used for 25 minutes, it returns to "power down" mode, where the current consumption is very low.

This function can be avoided, if wanted.

The instrument is supplied with the following units:

4-digit LCD display

2 rotary switches for function and range selection

Potentiometer for range adjustment

Technical data:

Battery type: 9 V, type 6LR61

Power consumption: < 45 mA

Display, resolution: 0,01 mA / 0,01 V

Accuracy: +/- 0,2 %

Operating temp.: -20°C to +50°C

Temp. coefficient: < 0,005% / °C

Input impedances: Voltage: >100 kΩ
Current: voltage drop < 3,5 V

Max. load: Current: max 500 Ω
Voltage: min. 1 kΩ

Connections: Banana plug in top of the instrument.
All terminals are protected against over voltage, wrong polarity and short-circuit.

Ordering guide:

Instrument: MS4201

AC-adaptor: BE12-230

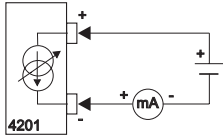
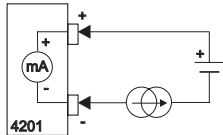
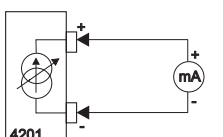
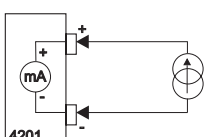
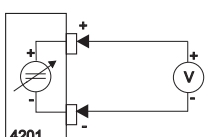
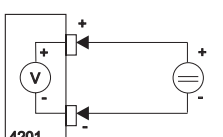
Dimensions and weight:

H x W x D: 150 x 80 x 35 mm

Weight: 250 g

Connections:



| | SIMULATE | TEST |
|------------|--|---|
| PASSIVE mA |  |  |
| ACTIVE mA |  |  |
| ACTIVE V |  |  |