



MT1887IS Intrinsically safe Industrial Multimeter

The MT1887IS is a CAT IV 600V True RMS professional multimeter having improved measurement functions, troubleshooting feature, resolution and accuracy to solve problems on power distribution, motor drives, electromechanical equipment and plant automation with the 4-20mA% loop measurements. The meter has a large 40 000 count backlit LCD with the added advantage of a 41 segment analogue bargraph. NCV function, automatic Non-Contact voltage detection, the LCD backlight will be in red when AC voltage above 110V is sensed. Specially designed for the Solar Industry the DC voltage range measures up to 1500V DC, other measuring ranges include ACV to 1000V, Micro Amps and Amps, Frequency, Resistance, Duty Cycle, capacitance and temperature measurements. The Bluetooth function allows the user to transmit data to the Android or iOS mobile App for viewing, organising and sharing recordings.

Features

- Intrinsically safe
- IEC EX Rating: Ex ib IIAT4 Gb
Ex ib I Mb
- 40 000 count with 41 Segment Bargraph
- Measures DCV to 1500V & ACV up to 1000V
- Temperature measurement from -50°C to 1000°C
- AC & DC Micro Amps up to 10A
- 4-20mA process loop measurements with % reading
- Capacitance to 40 mF
- Frequency to 100MHz
- Duty Cycle
- Relative mode
- Automatic NCV where LCD backlight turns red
- Min, Max and Data Hold
- Auto Power Off

TRUERMS

Function	Range	Accuracy
DC Voltage	400.0mV – 1500V	±(0.1% +6)
AC Voltage	4.0000V – 1000V	±(1.0% +8)
DC Current	400.0μA – 10A	±(1.0% +3)
AC Current	600.0μA – 10A	±(1.5% +8)
Resistance	400.0Ω – 40MΩ	±(0.5% +8)
Frequency	40.000Hz – 99.99MHz	±(0.1% +1)
Capacitance	40.00nF – 40mF	±(2.5% +10)
Temperature	50°C – 1000°C	±(1.0% +2.5°C)
4-20mA	25% to 125%	±50 dgt
Duty Cycle	0.01% to 95.0%	±(1.2% +2)
Ex Rating	Ex ib IIAT4 Gb Ex ib I Mb	
Size	87 x 81 x 50mm	
Weight	342gm	



40 000 Count Backlight Display
with 41 segmented bargraph



NCV Detection



Bluetooth 4.0
Technology

MT1887IS**Intrinsically safe Industrial Multimeter with Bluetooth 4.0**

**Contact Us
South Africa**

www.major-tech.com sales@major-tech.com

Australia

www.majortech.com.au info@majortech.com.au