



Datasheet



0370 330 6021
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Intrinsically Safe Digital Multimeter

An intrinsically safe multimeter for use in dangerous or explosive atmospheres.



- EEx ib group I, IIc and temperature class T6 assigned specifications
- Logic signal measurement and ADP input
- MIN/MAX functions
- Bargraph with zoom (x5) and center zero
- Rugged design — IP66 rating
- Protection by 500mA intrinsic safety fuse for the current range

SPECIFICATIONS

DC Voltage Ranges	500mV	5V	50V	500V*	1000V*
AC Voltage Ranges	500mV	5V	50V	500V*	750V*
DC Current Ranges	500µA	5mA	50mA	500mA	500mA
AC Current Ranges	500µA	5mA	50mA	500mA	500mA
Resistance Ranges	500Ω – 5kΩ – 50kΩ – 500kΩ – 5MΩ – 40MΩ				

*Operating voltages are limited to 60V peak value or currents to 500mA for intrinsically safe operation.

Product Code	Model	Description
PL-MM-MX51EX	MX51EX ^{III}	Matrix MX51 EX Intrinsically Safe Digital Multimeter
NISTDM1	—	NIST Traceable Certificate
NISTDM2	—	NIST Traceable Certificate with Data
NISTDM1	—	2 Year NIST Traceable Certificate
NISTDM2	—	2 Year NIST Traceable Certificate with Data

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