



HTFLEX33E

Rel. 1.01 of 17/10/16

Flexible clamp meter 3000A AC

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1. ELECTRICAL SPECIFICATIONS

Measurement range:	3000A AC _{RMS}
Output signal (@ 1000A _{RMS} , 50Hz):	85mV AC
Output impedance (@ 50Hz):	170Ω ± 20Ω
Min allowed load impedance:	100kΩ
Accuracy (at 25°C):	± 0.5%rdg
Maximum frequency:	10Hz ÷ 20kHz
Position sensitivity:	± 2%rdg
Temperature coefficient:	± 0.005%rdg maximum /°C
Measurement category:	CAT III 1000V, CAT IV 600V
Insulation:	double insulation
Pollution degree	2 according to IEC/EN610101-1

2. GENERAL SPECIFICATIONS

Flexible clamp length (double insulation):	600 mm
Maximum conductor diameter:	174 mm
Instrument connection cable length::	2m (double insulation)
Output connection:	2m cables with Hypertac connector 
Operating temperature:	-20°C ÷ +80°C
Storage temperature:	-40°C ÷ +90°C
Operating humidity	15% ÷ 85%HR. without condense

3. REFERENCE GUIDELINES

Safety:	IEC/EN61010-1:2001 IEC/EN61010-031:2002 IEC/EN61010-2-032:2002
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This instrument complies with the requirements of the European Low Voltage Directives 2014/35/EU (LVD) and EMC 2014/30/EU

This instrument satisfies the requirements of 2011/65/EU (RoHS) directive and 2012/19/EU (WEEE) directive