

Declaration of Conformity



Equipment Manufacturer: MaxBotix Incorporated LLC
Manufacturing Address: MaxBotix Inc.,
 13860 Shawkia Drive
 Brainerd, MN 56401
 USA

Model Number	Title	Description
MB1000	LV-MaxSonar-EZ0	Low power ultrasonic rangefinder. Sensor component module designed for applications in protected indoor environments.
MB1003	HRLV-MaxSonar-EZ0	
MB1004	LV-ProxSonar-EZ0	
MB1010	LV-MaxSonar-EZ1	
MB1013	HRLV-MaxSonar-EZ1	For applications with I/O cables longer than 3 meters (MB7954-Seven Conductor Shielded Cable) must be used.
MB1014	LV-ProxSonar-EZ1	
MB1020	LV-MaxSonar-EZ2	
MB1023	HRLV-MaxSonar-EZ2	
MB1024	LV-ProxSonar-EZ2	For indoor applications with I/O cables longer than 30 meters, or routed outside, (MB7954 Seven Conductor Shielded Cable) and (MB7973 Surge Protector) must be used.
MB1030	LV-MaxSonar-EZ3	
MB1033	HRLV-MaxSonar-EZ3	
MB1034	LV-ProxSonar-EZ3	
MB1040	LV-MaxSonar-EZ4	
MB1043	HRLV-MaxSonar-EZ4	
MB1044	LV-ProxSonar-EZ4	

Model Number	Title	Description
MB1200	XL-MaxSonar-EZ0	Low power ultrasonic rangefinder. Sensor component module designed for applications in protected indoor environments.
MB1202	I2CXL-MaxSonar-EZ0	
MB1210	XL-MaxSonar-EZ1	
MB1212	I2CXL-MaxSonar-EZ1	
MB1220	XL-MaxSonar-EZ2	For applications with I/O cables longer than 3 meters (MB7954-Seven Conductor Shielded Cable) must be used.
MB1222	I2CXL-MaxSonar-EZ2	
MB1230	XL-MaxSonar-EZ3	
MB1232	I2CXL-MaxSonar-EZ3	
MB1240	XL-MaxSonar-EZ4	For indoor applications with I/O cables longer than 30 meters, or routed outside, (MB7954 Seven Conductor Shielded Cable) and (MB7973 Surge Protector) must be used.
MB1242	I2CXL-MaxSonar-EZ4	
MB1300	XL-MaxSonar-AE0	
MB1310	XL-MaxSonar-AE1	
MB1320	XL-MaxSonar-AE2	
MB1330	XL-MaxSonar-AE3	
MB1340	XL-MaxSonar-AE4	

Following the provision of the following directives:
 Directive 2004/108/EC (EMC)
 Directive 2006/95/EC (LVD)

In conformity with the following harmonized standards:

Standards Apply to Models Above:		
Standard	Notes	Test Description
EN61326-1:2006	Industrial	
IEC 61000-4-2:2008		ESD
IEC 61000-4-3:2010		Radiated Immunity
IEC 61000-4-6:2009		Conducted Immunity
IEC 61000-4-8:2009		Power freq. MF
IEC 61010:2001	Norm. Env. Cond.	Device Safety
EN55011 (CISPR11:2009)	Class A & Class B	Radiated Emissions

Standards Apply to Models Above Used with the Accessories Listed Below:		
Standard	Use With	Test Description
IEC 61000-4-4:2012	Use MB7954	Electrical Fast Trans.
IEC 61000-4-5:2005	Use MB7973	Surge

Signature: Robert R. Gross
 Date: 11/7/2013

Printed Name: Robert R. Gross
 Title: CEO MaxBotix Inc.

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Model Number	Title	Description
MB7040	I2CXL-MaxSonar-WR	Low power ultrasonic rangefinder. Sensor component module. For applications with I/O cables longer than 3 meters (MB7954-Seven Conductor Shielded Cable) must be used. For applications with I/O cables longer than 30 meters, or routed outside, (MB7954 Seven Conductor Shielded Cable) and (MB7973 Surge Protector) must be used.
MB7047	I2CXL-MaxSonar-WRC	
MB7052	XL-MaxSonar-WRM1	
MB7060	XL-MaxSonar-WR1	
MB7062	XL-MaxSonar-WR	
MB7066	XL-MaxSonar-WRL1	
MB7067	XL-MaxSonar-WRC1	
MB7068	XL-MaxSonar-WRC	
MB7070	XL-MaxSonar-WRA1	
MB7072	XL-MaxSonar-WRA	
MB7076	XL-MaxSonar-WRLA1	
MB7077	XL-MaxSonar-WRCA1	
MB7078	XL-MaxSonar-WRCA	
MB7092	XL-MaxSonar-WRMA1	
MB7334	HRXL-MaxSonar-WRS3	

Model Number	Title	Description
MB7344	HRXL-MaxSonar-WRST4	Low power ultrasonic rangefinder. Sensor component module. For applications with I/O cables longer than 3 meters (MB7954-Seven Conductor Shielded Cable) must be used. For applications with I/O cables longer than 30 meters, or routed outside, (MB7954 Seven Conductor Shielded Cable) and (MB7973 Surge Protector) must be used.
MB7354	HRXL-MaxSonar-WRS5	
MB7360	HRXL-MaxSonar-WR	
MB7363	HRXL-MaxSonar-WRLS	
MB7364	HRXL-MaxSonar-WRS	
MB7366	HRXL-MaxSonar-WRL	
MB7367	HRXL-MaxSonar-WRC	
MB7369	HRXL-MaxSonar-WRM	
MB7374	HRXL-MaxSonar-WRST7	
MB7380	HRXL-MaxSonar-WRT	
MB7383	HRXL-MaxSonar-WRLST	
MB7384	HRXL-MaxSonar-WRST	
MB7386	HRXL-MaxSonar-WRLT	
MB7387	HRXL-MaxSonar-WRCT	
MB7389	HRXL-MaxSonar-WRMT	

Following the provision of the following directives:
 Directive 2004/108/EC (EMC)
 Directive 2006/95/EC (LVD)

In conformity with the following harmonized standards:

Standards Apply to Models Above:		
Standard	Notes	Test Description
EN61326-1:2006	Industrial	
IEC 61000-4-2:2008		ESD
IEC 61000-4-3:2010		Radiated Immunity
IEC 61000-4-6:2009		Conducted Immunity
IEC 61000-4-8:2009		Power freq. MF
IEC 61010:2001	Ext. Env. Cond.	Device Safety
EN55011 (CISPR11:2009)	Class A & Class B	Radiated Emissions

Standards Apply to Models Above Used with the Accessories Listed Below:		
Standard	Use With	Test Description
IEC 61000-4-4:2012	Use MB7954	Electrical Fast Trans.
IEC 61000-4-5:2005	Use MB7973	Surge

Signature: Robert Ray Gross
 Date: 11/11/2013

Printed Name: Robert Ray Gross
 Title: CEO MaxBotix Inc.

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Model Number	Title	Description
MB1403	HRUSB-MaxSonar-EZ0	Low power ultrasonic rangefinder. Sensor component module designed for applications in protected indoor environments.
MB1413	HRUSB-MaxSonar-EZ1	
MB1414	USB-ProxSonar-EZ1	
MB1423	HRUSB-MaxSonar-EZ2	
MB1424	USB-ProxSonar-EZ2	
MB1433	HRUSB-MaxSonar-EZ3	
MB1434	USB-ProxSonar-EZ3	
MB1443	HRUSB-MaxSonar-EZ4	
MB1444	USB-ProxSonar-EZ4	

Following the provision of the following directives:

Directive 2004/108/EC (EMC)
 Directive 2006/95/EC (LVD)

In conformity with the following harmonized standards:

Standards Apply to Models Above:		
Standard	Notes	Test Description
EN61326-1:2006	Industrial	
IEC 61000-4-2:2008		ESD
IEC 61000-4-3:2010		Radiated Immunity
IEC 61000-4-4:2012		Electrical Fast Trans.
IEC 61000-4-6:2009		Conducted Immunity
IEC 61000-4-8:2009		Power freq. MF
IEC 61010:2001	Norm. Env. Cond.	Device Safety
EN55011 (CISPR11:2009)	Class A	Radiated Emissions

Signature: Robert Ray Gross

Date: 11/11/2013

Printed Name: Robert Ray Gross

Title: CEO MaxBotix Inc.