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EU Declaration of Conformity

The EU Directives Covered by This Declaration:

LVD 2014/35/EU, and EMC 2014/30/EU.

The Products Covered by this Declaration:

Servo Motors

With the following model numbers:

M-23 □ **w** . - . . - . . .

M-34 □ **w** . - . . -

where the "□" represents a single character.

This letter selects the stack length of the motor (1, 2, 3, or 4).

where the "w" represents a single character.

This letter refers to the electrical winding configuration.

where the ". " represents the remaining characters of the part number

The Basis on which Conformity is being Declared:

The product identified above complies with the requirements of the above EU Directives by meeting the following standards:

IEC 60034-1
ANSI/UL 1004-1
ANSI/UL 1446

Rotating Electrical Machines
Rotating Electrical Machines (UL File & Quarterly Inspections)
System of Insulating Materials (UL File & Quarterly Inspections)

Motor samples were tested with Teknic Servo Drives and cables and passed the following testing

Emissions verified by NRTL Commercial Lab

CISPR 11:2003+A2:2006
EN55011:2007+A2:2007
EN 61000-3-2:2006
EN 61000-3-3:1995+A1:2001+A2:2005

Radio Frequency Disturbances
Radiated
Harmonic Current
Voltage Fluctuation & Flicker

Immunity verified by NRTL Commercial Lab

EN 61326:2006
EN 61000-4-2: 1995+A1:1999+A2:2001
EN 61000-4-3:2006
EN 61000-4-4:2004
EN 61000-4-5:2005
EN 61000-4-6:2007
EN 61000-4-8:1993+A1:2001
EN 61000-4-11:2004

EMC General Requirements
ESD
Radiated EM Field
Fast Transient / Burst
Surge Immunity
Conducted RF Disturbances
Power Frequency Magnetic Field
Voltage Dips and Interruption

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