

## Declaration of Conformity

In accordance with  
European Directive 89/336/EEC as Amended by European Directive 93/68/EEC  
"EMC Directive"

Date: Oct 30, 2003

Certificate Number: Epsilon 03TEST1225

Report Number: RETS0701/A/1

Manufacturer: Avtron Industrial Automation, Inc.  
8901 East Pleasant Valley Road  
Independence, OH 44131

The Manufacturer hereby declares that the product: M115

### Equipment Specification:

Power Requirements:	5 to 24 VDC 120mA (no load)
Output Format:	A, $\bar{A}$ , B, $\bar{B}$ and marker
Signal Type:	Incremental
Frequency:	0 to 150 kHz
Pulses per Revolution:	120 to 2048
Weight:	2.5 to 4 lbs.

The following Harmonized European Standards have been applied:

**BS EN 61000-6-1:2001** Electromagnetic compatibility Generic standards.  
Immunity for residential, commercial and light-industrial environments.

**BS EN 61000-6-2:2001** Electromagnetic compatibility Generic standards  
Immunity standard for industrial environments.

**BS EN 61000-6-3:2001** Electromagnetic compatibility Generic standards  
Emission standard for residential, commercial and light-industrial environments.

**BS EN 61000-6-4:2001** Electromagnetic compatibility Generic standards  
Emission standard for industrial environments.

*Terry Shadduck 10/30/03*

Terry Shadduck  
Chief Product Engineer  
Avtron Industrial Automation, Inc.  
8901 East Pleasant Valley Road  
Independence, Ohio 44131

Annex I is part of this Declaration

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### Annex I Declaration of Conformity

The equipment has been assessed and type tested against the relevant harmonized European standard based on the assessment of the M56 documented in report RETS0701/A/1. It is determined that no further testing is required based on identical electronics and no difference in construction that would impact test results provided that the following conditions are complied with by the end user:

- a) The electrical supply to the apparatus shall be within the manufacturer's specified limits.
- b) The apparatus shall be installed in and supplied from a power supply that offers suitable protection from voltage surges. This requirement can be negated when the application for which the apparatus is being utilized does not require such protection.