EU Declaration of Conformity

IMO Precision Controls Ltd
The Interchange,
Frobisher Way
Hatfield,
Hertfordshire,
AL10 9TG

declare under our sole responsibility that the following product/s

Power Supply Unit
DPS-1 followed by 005, 010, 018…

Basic part number followed by a varying length of alpha numerics to signify variant.

to which this declaration relates, are in conformity with the requirements of the following standards and other normative documents

LVD

EN 60950-1:2006 + A2:2013	**Information technology equipment. Safety. General requirements**

EMC Emissions

EN 61000-6-3:2007 + A1:2011 + AC:2012	**Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments**
EN 61204-3:2000	**Low voltage power supplies, d.c. output. Electromagnetic compatibility (EMC)**
EN 55022:2012 + AC:2013	**Conducted emissions – Class B**
EN 55022:2012 + AC:2013	**Radiated emissions – Class B**
EN 61000-3-2:2014	**Harmonic distortions – Class D**
EN 61000-3-3:2013	**Voltage flicker**

EMC Immunity

EN 61000-6-2:2005 + AC:2005	**Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments**
EN 61204-3:2000	**Low voltage power supplies, d.c. output. Electromagnetic compatibility (EMC)**
EN 55024:2010 + A1:2015	**Information technology equipment. Immunity characteristics. Limits and methods of measurement**
IEC 61000-4-2	**ESD air – Level 4 15kV**
IEC 61000-4-3	**RF field susceptibility – Level 3 10V/m**
IEC 61000-4-4	**EFT/burst – Level 4 4kV/5kHz**
IEC 61000-4-5	**Surge susceptibility – Level 3 2kV/L-N** **Level 4 4kV/L-PE/N-PE**

IEC 61000-4-6	**Injected current – Level 3 10Vrms**
IEC 61000-4-8	**Power frequency magnetic field immunity – Level 4 30A/m**
IEC 61000-4-11	**Voltage interruptions – >95% dip 10ms**
	30% dip 500ms
	>95% interruption 5000ms

and therefore conform to the protection requirements of the Council Directives

2011/65/EU	relating to **RoHS Directive**
2014/30/EU	relating to **Electromagnetic Compatibility**
2014/35/EU	relating to **Low Voltage Directive**

Component power supplies will normally be installed into final equipment and since EMC performance will be effected by complete installation, the final equipment manufacturers must re-confirm EMC Directive compliance on the final installation.

G.P.Viney

Graham Viney
Quality Manager
IMO Precision Controls Ltd
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