

Declaration Of Conformity

The Products Covered By The Declaration	"ZMP-SYNQNET-PCI-RJ family", Part No. T015-0001 , from version P.7.A, "ZMP-SYNQNET-PCI-RJ family, RoHS", Part No. T115-0001 , all versions, and all variants of the above products bearing the CE mark.	
The Manufacturer Of The Products Covered By This Declaration	Motion Engineering Inc. 33 La Patera La. S., Santa Barbara, CA 93117, USA	Motion Engineering UK Ltd The Studio, 69 Oakfield Road, Bristol, BS8 2BB, UK
The Directives Covered By This Declaration	89/336/EEC Electromagnetic Compatibility Directive, as amended	
The Basis On Which Conformity Is Being Declared	The manufacturer hereby declares under his sole responsibility that the products identified above comply with the protection requirements of the EMC directive and that the following standards have been applied.	

IEC 61000-6-1 Edition 2.0 (2005-03)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards – Immunity for residential, commercial and light-industrial environments
IEC 61000-6-2 Edition 2.0 (2005-01)	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
IEC 61000-6-3 Edition 1.0 (1996-12)	Electromagnetic compatibility (EMC) - Part 6: Generic standards - Section 3: Emission standard for residential, commercial and light-industrial environments
IEC 61000-6-4 Edition 2.0 (2006-07)	Electromagnetic compatibility (EMC) - Part 6: Generic standards - Section 3: Emission standard for industrial environments

The CE mark was first applied in: 2006

Signed:



(Robert Pearce)

Authority: Design Manager

Date: 22nd August 2006



The product must be correctly installed and operated to maintain compliance with the above directives(s). See overleaf for a list of conditions.

Conditions for compliance of ZMP-SYNQNET-PCI-RJ family	
Port	Notes
Enclosure	Use a CE-marked PC having a high-quality enclosure
SynqNet	Use Category 5, shielded, twisted pair cables, up to 100m length.
I/O	Use a shielded cable such as "CABLE, HD15(M)-DB15(F), 3M" of less than 30m length.

Summary EMC Datasheet				
Standard	Title	Ports	Level	Performance
IEC 61000-4-2:1995	Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 2: Electrostatic discharge immunity test – Basic EMC Publication	Bracket, connectors	±4kV, CD	B
IEC 61000-4-3:2002	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated radio-frequency electromagnetic field immunity test	Enclosure	3Vm, 10V/m	A
IEC 61000-4-4: 1995	Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 4: Electrical fast transient/burst immunity test – Basic EMC publication Amendment 1 (1995)	SynqNet	±1kV	A
		I/O	±1kV	
IEC 61000-4-5: 1995	Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 5: Surge immunity test	SynqNet	±1kV, 1.25/50uS	A
IEC 61000-4-6:1996	Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 6: Immunity to conducted disturbances, induced by radio-frequency fields	SynqNet	3Vm, 10V/m	A
		I/O	3V/m, 10V/m	
IEC CISPR 22: 1993	Limits and methods of measurement radio disturbance characteristics of information technology equipment Amendment 1 (1995)	Enclosure	-	Class B