

Electromagnetic Compatibility

This equipment conforms to the following directives / regulations and standards as to the electromagnetic compatibility.



Directive	Standards
The EMC Directive 2014/30/EU	EN IEC 61326-2-3 Group2 Class A, Industrial electromagnetic environment

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.



Regulations	Standards
The EMC Regulations 2016	BS EN 61326-2-3 Group2 Class A, Industrial electromagnetic environment

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.



법률	표준
전자파법	KS C 9610-6-2 KS C 9811 Group2 Class A

이 기기는 업무용(A 급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

Criteria

	CE and UKCA	KC
IEC61000-4-2 ESD	Intensity / Analog Input / Digital Input / Error During testing, the measured intensity value may deviate within the range from minimum to maximum value of each communication index at the timing of noise injection. After the noise injection the deviation vanishes.	
IEC61000-4-3 RF radiated	Intensity: $\pm 5\%R.S. \pm 1pA$ Analog Input: $\pm 1\%F.S. (\pm 0.1V)$ Digital Input: No change Error: No Error	
IEC61000-4-4 Burst	Intensity / Analog Input / Digital Input / Error During testing, the measured intensity value may deviate within the range from minimum to maximum value of each communication index at the timing of noise injection. After the noise injection the deviation vanishes.	
IEC61000-4-5 *1 Surge	Intensity / Analog Input / Digital Input / Error During testing, the measured intensity value may deviate within the range from minimum to maximum value of each communication index at the timing of noise injection. After the noise injection the deviation vanishes.	
IEC61000-4-6 RF Conducted(10V)	Intensity: $\pm 5\%R.S. \pm 1pA$ Analog Input: $\pm 1\%F.S. (\pm 0.1V)$ Digital Input: No change Error: No Error	
IEC61000-4-11 *1 Voltage dips and Voltage interruption	Intensity / Analog Input / Digital Input / Error [0% 1cycle] During testing, the measured intensity value may deviate within the range from minimum to maximum value of each communication index at the timing of noise injection. After the noise injection the deviation vanishes. [40% 10cycle, 70% 25cycle, 0% 250cycle] Although the EUT may stop the communication or powered down, restart and normal operation must be able to do after the test.	
Note	*1: This test was conducted as the system of QL-SG02 and QL-PS01, and the noise was injected to QL-PS01.	



Regulations	
CFR47 Telecommunication	Part18

FCC rules

FCC compliance statement

This device complies with part 18 of the FCC Rules.

Responsible party for FCC matter

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Note

This equipment has been tested and found to comply with and pursuant to part 18 of the FCC Rules. This product may cause interference to radio equipment and should not be installed near safety communications equipment or other critical navigation or communication equipment.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.