

## TECHNICAL BULLETIN

**[Issue No.]** FA-A-0012

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**[Title]** Requirements due to Acquisition of Lloyd's Type Approval Certificate for AnS series

**[Date of Issue]** Nov., '07

**[Relevant Models]** All AnS series models

Thank you for your continued support of Mitsubishi programmable controllers, MELSEC-AnS series.

Due to model addition, certificate number of the MELSEC-AnS series has been updated to 95/10025 (E4) in environment category ENV1 and ENV2, based on LR test specification No.1-1996, by Lloyd's Register. However, the term of validity remains until December 1, 2010.

The following describes details and conditions to use the MELSEC-AnS series as a system approved by Lloyd's Register.

### **[Requirements]**

#### ■ **Operating ambient temperature**

The operating ambient temperature specified in the general specifications of Mitsubishi programmable controller differs from the one in Lloyd's Register's environment category ENV1 and ENV2, which we acquired this time. To use the MELSEC-AnS series as a system approved by Lloyd's Register, use it within the operating ambient temperature range specified by Lloyd's Register.

	General specifications of Mitsubishi programmable controller	Specifications of Lloyd's Register
Operating ambient temperature	0 to +55°C	+5 to +55°C

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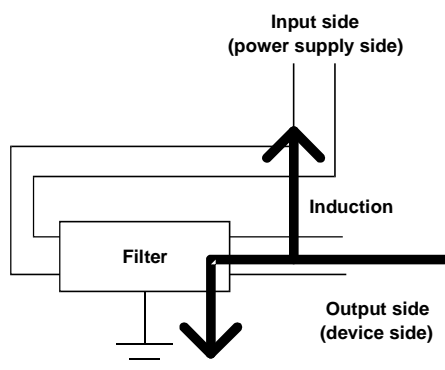
## ■ Noise filter

When using the MELSEC-AnS series, always attach noise filter on the AC power supply line.

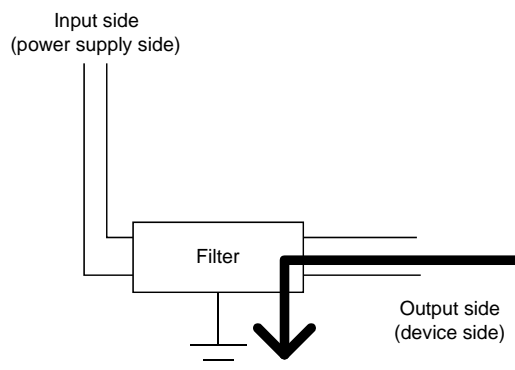
Use the noise filter of MB series manufactured by DENSEI-LAMBDA K.K.

- 1) Do not bundle the wires on input side and output side of the noise filter.

If bundled, the output side noise is led to the input side wire, whose noise has been filtered out.



(a) The noise is led to the input side if the input and output wires are bundled.



(b) Separate the input and output wires.

- 2) Ground the noise filter ground terminal to the control panel with the shortest wiring as possible (10 cm (3.94 inch)).