TECHNICAL BULLETIN

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

This bulletin is to inform that the FL-net (OPCN-2) interface module (QJ71FL71-T-F01) has acquired certification on 10/100Mbps device from the Japan Electrical Manufacturers' Association (JEMA).

1. Supported version of the QJ71FL71-T-F01

The high-speed cyclic transmission is available from the first released version.

2. Devices required for high-speed cyclic transmission (100Mbps)
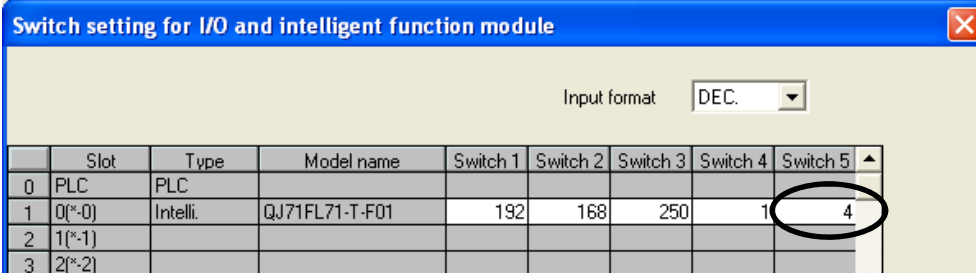
Use the following devices that meet the IEEE802.3 100BASE-TX standard.

・Shielded twisted pair cable (STP), category 5 or higher

・RJ45 jack

・100Mbps hub

3. Settings for using high-speed cyclic transmission (100Mbps)

(1) Setting for the QJ71FL71-T-F01

Set "4: Online (Auto negotiation)" for Switch 5 (Operation mode) in "Switch setting for I/O and intelligent function module".

(2) Setting for the hub

When the connected hub does not have the auto negotiation function, set the hub to the half-duplex transmission mode. The FL-net module will distinguish between 10BASE-T and 100BASE-TX and between full-duplex and half-duplex transmission modes, according to the hub.

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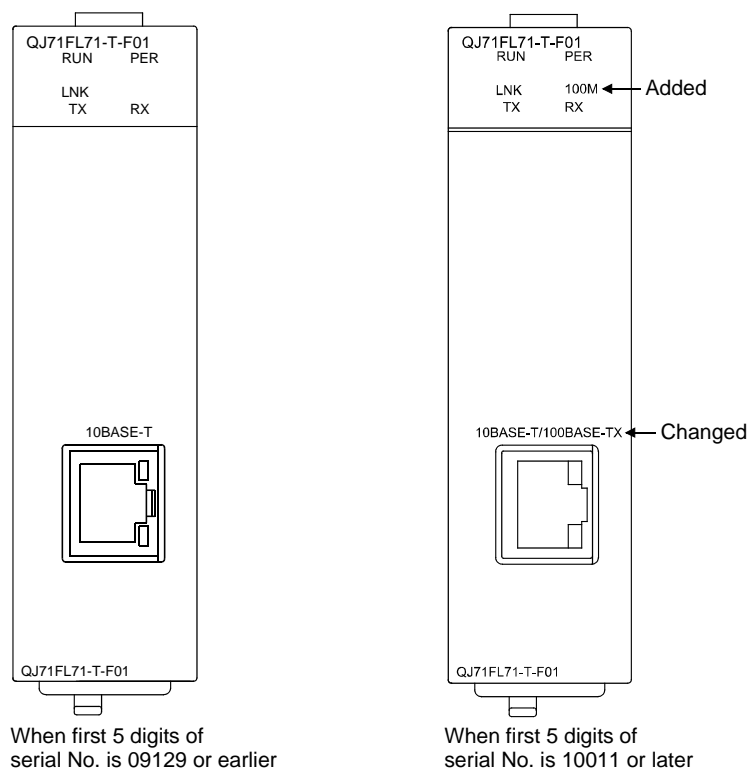
[Title] High-speed cyclic transmission (100Mbps) support of   **[Date of Issue]** Feb., '08
the MELSEC-Q series FL-net (OPCN-2) interface module

[Relevant Models] QJ71FL71-T-F01

4. Changes in silkscreen print on the QJ71FL71-T-F01

With this functional addition, the silkscreen print will be changed for the product whose first five digits of serial No. is 10011 or later.

When first 5 digits of
serial No. is 09129 or earlier

When first 5 digits of
serial No. is 10011 or later

5. Manuals

Manual name	Manual supply status	IB/SH No.	Model code
FL-net (OPCN-2) Interface Module User's Manual	Sold separately	SH-080350E-G and later	13JR61