When set to any value out of the setting range, the COM-JC becomes the FAIL state.

Communication speed and maximum transmitter distance

<table>
<thead>
<tr>
<th>Communication speed setting</th>
<th>Communication speed</th>
<th>Maximum transmitter distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>38400 bps</td>
<td>1000 m</td>
</tr>
<tr>
<td>1</td>
<td>9600 bps</td>
<td>900 m</td>
</tr>
<tr>
<td>2</td>
<td>24000 bps</td>
<td>450 m</td>
</tr>
<tr>
<td>3</td>
<td>19200 bps</td>
<td>350 m</td>
</tr>
<tr>
<td>4</td>
<td>9600 bps</td>
<td>200 m</td>
</tr>
</tbody>
</table>

When set to any value out of the setting range, the COM-JC becomes the FAIL state.

4. USAGE EXAMPLE

4.1 System Configuration

In this usage example, described the following system configuration.

Pll-C: PLC (Mitsubishi Electric MELSEC Q series)

CC-Link system master local unit QJ 61BT11N (master station)

Station number 0

Communication speed: 156 kbps

4.2 Setting the Instruments Used

CC-Link communication converter: COM-JC ............................................ 1
Controller (SRZ): Z-TIO module (4 channels type) ....... 2
COM-JC and controller connection cable

4.3 Setting the Instruments Used

Station number: 0

Communication speed: 156 kbps

5. USAGE EXAMPLE

For remote input/output and remote register, refer to COM-JC [For SRZ] Communication Data List [IMR01Y34-E] or COM-JC [For SRZ] Instruction Manual [IMR01Y34-E].
**Remote register (RWr, RWw)**

- **CPU device:** PLC
- **Communication area:** COM-JC (Station number 1) 4 stations occupied 1 time

### For wires

- **WX00** to **WX07**: Measured value (PV) of CH1 to CH8
- **WX08**: For extension area display of CH3 (Module address 1) RWrA
- **WX09**: For extension area display of CH2 (Module address 1) RWr9
- **WX0B**: For extension area display of CH4 (Module address 1) RWrB
- **WX10**: Measured value (PV) of CH1 to CH8
- **WX12**: When Measured value (PV) is not available (NaN) (reserved)

### For reads

- **WX00** to **WX07**: Measured value (PV) of CH1 to CH8
- **WX08**: For extension area display of CH3 (Module address 1) RWrA
- **WX09**: For extension area display of CH2 (Module address 1) RWr9
- **WX0B**: For extension area display of CH4 (Module address 1) RWrB
- **WX10**: Measured value (PV) of CH1 to CH8

### Device assignment table of remote register (RW)

<table>
<thead>
<tr>
<th>Channel</th>
<th>Address</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH1</td>
<td>W000</td>
<td>PV</td>
</tr>
<tr>
<td>CH2</td>
<td>W00A</td>
<td>PV</td>
</tr>
<tr>
<td>CH3</td>
<td>W00B</td>
<td>PV</td>
</tr>
<tr>
<td>CH4</td>
<td>W00C</td>
<td>PV</td>
</tr>
<tr>
<td>CH5</td>
<td>W00D</td>
<td>PV</td>
</tr>
<tr>
<td>CH6</td>
<td>W00E</td>
<td>PV</td>
</tr>
<tr>
<td>CH7</td>
<td>W00F</td>
<td>PV</td>
</tr>
<tr>
<td>CH8</td>
<td>W010</td>
<td>PV</td>
</tr>
</tbody>
</table>

#### Sample program

1. **When the PLC initial processing (PLC STOP → RUN)**
   - **Initialization**
     - Turn off the global RUN/STOP transfer flag (Y100F: RY0F)

2. **When no initial data processing is finished with the initial data processing request flag set to ON (X1078: RX78) ON**
   - **Initialization**
     - Turn off the initialization data processing flag (Y1078: RY78)
     - Turn on the Initialization data processing completion flag (Y1079: RY79)

3. **When Measured value (PV) is not available (NaN) (reserved)**
   - **Initialization**
     - When Measured value (PV) of CH1 is not available (NaN) (reserved), set the display flag to OFF (Y101F: RY1F)

#### Program conditions

- **COM-JC station number:** 1
- **Number of occupied station/extended cyclic:** 4 stations occupied 1 time (8 channels assignment)

#### Program operation

1. **Store measured value (PV) and manipulated output value (MV) to a data register.**
2. **Write in set value (SV) to CHB:**
   - CHB set value (SV): 150.0 °C
   - CHB set value (SV): 200.0 °C
   - CHB set value (SV): 250.0 °C
   - CHB set value (SV): 300.0 °C

3. **Write a Communication Quick Instruction (Z-TIO Host Communication Quick Instruction)**

4. **Sample program**

- **When the PLC initial processing (PLC STOP → RUN)**
  - **Initialization**
    - Turn off the global RUN/STOP transfer flag (Y100F: RY0F)

- **When no initial data processing is finished with the initial data processing request flag set to ON (X1078: RX78) ON**
  - **Initialization**
    - Turn off the initialization data processing flag (Y1078: RY78)
    - Turn on the Initialization data processing completion flag (Y1079: RY79)

- **When Measured value (PV) is not available (NaN) (reserved)**
  - **Initialization**
    - When Measured value (PV) of CH1 is not available (NaN) (reserved), set the display flag to OFF (Y101F: RY1F)