General Specifications

digitalYEWFLO Series
Vortex Flowmeter
FOUNDATION Fieldbus Communication Type

* General

FOUNDATION Fieldbus is the digital communication line for the field instruments, whose signal is internationally standardized by Fieldbus Foundation.

The Fieldbus bi-directional digital communication performance makes possible for the field instruments and the control devices to be a complete on-line system, superseding the existing analog transmission lines.

Thus, based on FOUNDATION Fieldbus specifications, digitalYEWFLO Fieldbus models offer more flexible instrumentation through a higher level communication capability and propose the cost reduction by multi-drop wirings with less cables.

* FOUNDATION is a registered trademark of Fieldbus Foundation.

* FEATURES

• Reduction of instrumentation cost
  The multi-drop wiring on the Fieldbus communication line contributes to the reduction of wiring cost.

• Mass flow calculation
  Arithmetic (AR) function block expands the mass flow calculation function for the saturated steam, superheated steam, gases and natural gas by using external pressure/temperature input (/MV:internal temperature input) with a high accuracy. Additionally, in combination with DTM* brings to the high accurate mass flow calculation output, ex. natural gas process.

• User-friendliness
  The common function block of field devices have the same operability, because of their common specification. The individual device setting (Transducer Block parameter setting) can be done simply by executing METHOD.

• Independent flow and temperature calculations (multi-variable type: option)
  The multi-variable type (/MV: option) of digitalYEWFLO separately outputs flowrate output (AI1) and temperature output (AI2). Two DI function blocks output the limit signal output both flowrate and temperature.

• Advanced self-diagnostics
  The digitalYEWFLO has advanced self-diagnostics which can predict and identify anomalies in the process conditions, such as high pipeline vibration and abnormal flow. Also, the Fieldbus type digitalYEWFLO supports various alarm functions, such as high/low-limit alarms and alerts of block errors, based on the FOUNDATION Fieldbus specification.

  * DTM (Device Type Manager): the application which defines the Graphical User Interface (GUI) specific to the device.

* STANDARD SPECIFICATIONS

For items other than those described below, read GS 01F06A00-01EN.

EMC Conformity Standards:
EN 61326-1 Class A, Table 2 (For use in industrial locations), EN 61326-2-3, EN61326-2-5

Note1: This instrument is a Class A product, and it is designed for use in the industrial environment. Please use this instrument in the industrial environment only.

Note2: Use the metal conduit for the remote cable.

Yokogawa Electric Corporation
2-9-32, Nakacho, Musashino-shi, Tokyo, 180-8750 Japan
Tel.: 81-422-52-4443 Fax.: 81-422-52-2018

© Copyright Jan. 2003 (YK)
16th Edition Mar. 31, 2020 (KP)
### Performance Specifications

**Mass Flow Accuracy using Arithmetic (AR) function block:**  
(when outer temperature sensor and outer pressure sensor are used)  
**Accuracy ± %:** of Reading

<table>
<thead>
<tr>
<th>Fluid</th>
<th>Mass Flow Accuracy (Note 1, Note 2)</th>
<th>Notes</th>
<th>Flow computing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturated steam (Temperature base)</td>
<td>±1.7% (Flow velocity 35m/s or less) ±2.2% (Flow velocity 35m/s to 80m/s)</td>
<td>Temperature range +100 to +330°C Temperature accuracy ±0.1% Density computing by temperature and pressure using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
<td>Temperature range +100 to +330°C Temperature accuracy ±0.1% Density computing by temperature and pressure using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
</tr>
<tr>
<td>Saturated steam (Pressure base)</td>
<td>Temperature</td>
<td>Pressure range 0.1MPa to flange rating Pressure accuracy ±0.2% Density computing by pressure using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
<td>Density computing by pressure using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
</tr>
<tr>
<td>Superheated steam (Pressure base)</td>
<td>Temperature and Pressure</td>
<td>Pressure condition: Pressure range 0.1MPa to flange rating Pressure accuracy ±0.2% Temperature condition: Temperature range +100 to +450°C Temperature accuracy ±0.1% Density computing by temperature and pressure using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
<td>Density computing by temperature and pressure using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
</tr>
<tr>
<td>General gas</td>
<td>Not fixed</td>
<td>Accuracy is changed by fluctuating deviation factor K on temperature, pressure condition</td>
<td>Temperature, pressure compensation computing using gas equation (Boyle-Charles') at fixed deviation factor K.</td>
</tr>
<tr>
<td>Liquid</td>
<td>Not fixed</td>
<td>Temperature Accuracy is changed by setting value for temperature compensation factor Density computing by temperature using equation API • JIS K 2249.</td>
<td></td>
</tr>
<tr>
<td>General gas including Natural gas</td>
<td>Temperature and Pressure</td>
<td>For Natural gas accuracy condition is Pressure condition: Pressure range 0 to 12MPa Pressure signal ±0.2% Temperature condition: Temperature range –10 to + 65°C Temperature signal ±0.1% General gas is computed using physical properties supported by DIPPR database (AIChE: American Institute of Chemical Engineers) For natural gas, AGA No.8 is applied for temperature, pressure compensation computing For general gas and liquid, DIPPR database is applied (AIChE: American Institute of Chemical Engineers) for Mass flow computing. Density calculation parameters are downloaded by FSA120 • FieldMate FlowNavigator (Note 3)</td>
<td></td>
</tr>
<tr>
<td>Liquid</td>
<td>Not fixed</td>
<td>Computed using physical properties supported by DIPPR database (AIChE: American Institute of Chemical Engineers)</td>
<td></td>
</tr>
</tbody>
</table>

Note 1) Mass Flow Accuracy for Steam and Natural gas is computed adding by Temperature and Pressure compensation based on Volumetric Flow Accuracy.  
Note 2) Read GS 01F06A00-01EN about mass and volumetric flow accuracy of AI1 output.  
Note 3) Read GS 01C25R51-01EN.  
Note 4) The accuracy of saturated steam mass flow rate is on the condition of 100% dryness.
Mass Flow or Volumetric Flow at Normal/Standard condition Accuracy using Arithmetic (AR) function block:

(when Multi-Variable Type option code: /MV), High Process Temperature Version Multi-Variable Type
(combination of option code /HT and /MV) and outer pressure sensor are used)

<table>
<thead>
<tr>
<th>Fluid</th>
<th>Mass Flow Accuracy (Note 1, Note 2)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Notes</td>
</tr>
<tr>
<td>Saturated steam</td>
<td>±2.0% (Flow velocity 35m/s or less) ±2.5% (Flow velocity 35m/s to 80m/s)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Temperature</td>
<td>Temperature range +100 to +250°C (/MV) +100 to +330°C (/HT/MV) Density computing by temperature using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
</tr>
<tr>
<td>Saturated steam</td>
<td>Pressure</td>
<td>Pressure range 0.1MPa to flange rating Pressure accuracy ±0.2% Density computing by pressure using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
</tr>
<tr>
<td>Superheated steam</td>
<td>Temperature and Pressure</td>
<td>Pressure condition: Pressure range 0.1MPa to flange rating Pressure accuracy ±0.2% Temperature condition: Temperature range +100 to +250°C (/MV) +100 to +400°C (/HT/MV) Density computing by temperature and pressure using standard steam table (IAPWS-IF97: International Association for the Properties of Water and Steam)</td>
</tr>
<tr>
<td>General gas</td>
<td>Temperature</td>
<td>Accuracy is changed by fluctuating deviation factor K on temperature, pressure condition Temperature, pressure compensation computing using gas equation (Boyle-Charles’s) at fixed deviation factor K. Density computing by temperature using equation API • JIS K 2249.</td>
</tr>
<tr>
<td>Liquid</td>
<td>Not fixed</td>
<td>Temperature</td>
</tr>
<tr>
<td></td>
<td>Accuracy is changed by setting value for temperature compensation factor. Density computing by temperature using equation API • JIS K 2249.</td>
<td></td>
</tr>
<tr>
<td>General gas including</td>
<td>±2.0% (Flow velocity 35m/s or less) ±2.5% (Flow velocity 35m/s to 80m/s)</td>
<td></td>
</tr>
<tr>
<td>Natural gas</td>
<td>Temperature and Pressure</td>
<td>For Natural gas accuracy condition is Pressure condition: Pressure range 0 to 12MPa Pressure signal ±0.2% Temperature condition: Temperature range –10 to + 65°C General gas is computed using physical properties supported by DIPPR database (AIChE: American Institute of Chemical Engineers) For natural gas, AGA No.8 is applied for temperature, pressure compensation computing For general gas and liquid, DIPPR database is applied (AIChE: American Institute of Chemical Engineers) for Mass flow computing. Density calculation parameters are downloaded by FSA120 • FieldMate FlowNavigator (Note 3)</td>
</tr>
<tr>
<td>Liquid</td>
<td>Not fixed</td>
<td>Computed using physical properties supported by DIPPR database (AIChE: American Institute of Chemical Engineers)</td>
</tr>
</tbody>
</table>

Note 1) Mass Flow Accuracy for Steam and Natural gas is computed adding by Temperature and Pressure compensation based on Volumetric Flow Accuracy.

Note 2) Read GS 01F06A00-01EN about mass and volumetric flow accuracy of AI1 output and temperature accuracy of AI2 output.

Note 3) Read GS.01C25R51-01EN.

Note 4) The accuracy of saturated steam mass flow rate is on the condition of 100% dryness.

● Electrical Specifications

Power Supply Voltage:
9 to 32 V DC for general-purpose, flameproof, ATEX intrinsically safe Ex ic (Entity model) and Nonincendive 9 to 24 V DC for intrinsically safe Ex ia (Entity model) 9 to 17.5 V DC for intrinsically safe Ex ia (FISCO model) and ATEX intrinsically safe Ex ic (FISCO model)

Output Signals:
Digital communication signal compliant with the FOUNDATION Fieldbus protocol

Condition of Communication Line:
Supply current: 15 mA maximum 24 mA maximum for the software download
## Functional Specifications:

Functional specifications for Fieldbus communication conform to the standard specifications (H1) of FOUNDATION Fieldbus. FOUNDATION Fieldbus specifications (ITK 5.0.1) grant the interoperability of the field instruments.

### Function blocks:

<table>
<thead>
<tr>
<th>Block</th>
<th>Number Block</th>
<th>Execution time</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI</td>
<td>3</td>
<td>29 ms</td>
<td>AI1: Monitors the flow rate and totalized flow rate; AI2: Monitors the temperature for a model with the multi-variable type option; AI3: volumetric flow input for mass flow rate calculation of AR.</td>
</tr>
<tr>
<td>DI</td>
<td>2</td>
<td>25 ms</td>
<td>Flow and temperature limit switches</td>
</tr>
<tr>
<td>AR</td>
<td>1</td>
<td>40 ms</td>
<td>Mass flow calculation</td>
</tr>
<tr>
<td>IT</td>
<td>1</td>
<td>40 ms</td>
<td>Integrator block integrates a variable as a function of the time or accumulates the counts</td>
</tr>
<tr>
<td>PID</td>
<td>1</td>
<td>40 ms</td>
<td>Applicable when LC1 option is specified</td>
</tr>
</tbody>
</table>

### MODEL AND SUFFIX CODES

DY□□□□□□□□□□-F
DYA-F□□□□□

F: digital communication (FOUNDATION Fieldbus protocol)
N: Remote type detector

### OPTIONAL SPECIFICATIONS

When selecting the explosion proof type, specify the appropriate optional code that has the explosion proof certification approved by the certification body of each country to be used.

1. For intrinsically safe approval, use the barrier certified by the testing laboratories.
2. In case of /FF1, /KF2, /KS28, /KN26, /CF1, /CF11, /SF2 or /SS28 the screw length of Electrical Connection is deeper than ANSI standard for 0.5 to 2 threads.
3. Process temperature and ambient temperature on this section are the specifications for explosion protected type. Read GS 01F06A00-01EN (Standard Specifications) for the specifications of this product.
4. In the case that final destination is UAE or Taiwan and explosion protected type is required, select IECEx explosion protected type.

### Item | Description | Code
--- | --- | ---
Multi-variable Type | Provides a temperature sensor (Pt 1000) built-in the vortex shedder bar, enabling the AI2 function block to output the process fluid temperature, and mass flow rates to be calculated. (For details, read GS 01F06A00-01EN.) | MV
PID Function | Provides a PID control function block. | LC1
Software download function | Based on FOUNDATION Fieldbus Specification (FF-883) Download class: Class 1 | EE
Factory Mutual (FM) | FM explosion-proof Approval Applicable Standard: Class3600, Class3611, Class3615, Class3810, Including Supplement 1 NEMA 250 Type of Protection: Explosionproof for Class I, Division 1, Groups A, B, C, and D; Dust-ignitionproof Class II/III, Division 1, Groups E, F, and G, "SEAL ALL CONDUITS WITHIN 18 INCHES." "WHEN INSTALLED IN DIV. 2, SEALS NOT REQUIRED." Enclosure Rating: Type 4X Temperature Code: T6 Ambient Temperature: −40 to +60°C Ambient Humidity: 0 to 100%RH (No condensation) Coating of Enclosure: Epoxy resin coating or Polyurethane resin coating. Electrical Connection: ANSI 1/2NPT female | FF1
FM Intrinsically Safe Approval, Nonincendive (Note 1) Applicable Standard: Class3600, Class3610, Class3611, Class3810, NEMA 250, ANSI/ISA 60079-0, ANSI/ISA 60079-11, ANSI/ISA 60079-27 Type of Protection: Intrinsically Safe for Class I, II, III, DIV.1, Groups A, B, C, D, E, F and G, T4, and Class I, Zone 0, AEx ia IIB/IIIC T4, Entity, FISCO Nonincendive for Class I, II, Div.2, Groups A, B, C, D, F and G, Class III, DIV.1, Class I, Zone 2, Group IIC, FNICO Ambient Temperature: −40 to +60°C (Integral Type and Remote Type Converter) −40 to +80°C (Remote Type Detector) Ambient Humidity: 0 to 100%RH (No condensation) Indoors and Outdoors: Type 4X Electrical Parameters: Intrinsically Safe [Entity] Vmax=24V, Imax=250mA, P=1.2W, C=3.52nF, Li=0 mH [FISCO (IIC)] Vmax=17.5V, Imax=380mA, P=5.32W, C=3.52nF, Li=0 mH [FISCO (IIB)] Vmax=17.5V, Imax=460mA, P=5.32W, C=3.52nF, Li=0 mH Nonincendive Vmax=32V, C=3.52nF, Li=0 mH Electrical Connection: ANSI 1/2NPT female | FS16
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
</table>
| ATEX | ATEX Flameproof Approval  
Applicable Standard: EN 60079-0, EN 60079-1  
Type of Protection:  
Ex db IIC T6...T1 Gb (Integral Type and Remote Type Detector)  
Ex db IIC T6 Gb (Remote Type Converter)  
Group : II, Category : 2 G  
Temperature Class : T6...T1 (Integral Type and Remote Type Detector)  
T6 (Remote Type Converter)  
Process Temperature : T6 (–40 to 80°C), T5 (–40 to 100°C), T4 (–40 to 135°C),  
T3 (–40 to 200°C), T2 (–40 to 300°C), T1 (–40 to 450°C)  
(Use /HT version above 250°C)  
Ambient Temperature: –30 to 60°C (With indicator)  
–40 to 60°C (Without indicator)  
Ambient Humidity: 0 to 100%RH (No condensation)  
Electrical Connection: ANSI 1/2NPT female, ISO M20 × 1.5 female | KF2 |
| ATEX | ATEX Intrinsically Safe Approval Ex ia (Note 1, 2)  
Applicable Standard: EN 60079-0, EN 60079-11  
Type of Protection:  
Ex ia IIC T4...T1 Ga (Integral Type)  
Ex ia IIC T6...T1 Ga (Remote Type Detector)  
Ex ia IIC T4 Ga (Remote Type Converter)  
Group : II, Category : 1 G  
Ambient Temperature: –40 to +60°C (Integral Type)  
–50 to +80 [78]°C (Remote Type Detector)  
–40 to +80°C (Remote Type Converter) ( [] : Option /MV )  
Ambient Humidity: 0 to 100%RH (No condensation)  
T1: +449 [438]°C (Option /HT above 250°C and Option /LT below -29°C,  
[ ] : Option /MV)  
Signal/Supply (Terminals SUPPLY+ and -):  
Entity: Ui = 24 V, II = 250 mA, Pi = 1.2 W, Ci = 3.52 nF, Li = 0 mH  
FISCO: Ui = 17.5 V, II = 500 mA, Pi = 5.5 W, Ci = 3.52 nF, Li = 0 mH  
Electrical Connection: ANSI 1/2NPT female, ISO M20 × 1.5 female | KS28 |
| ATEX | ATEX Intrinsically Safe Ex ic (Note1, 2)  
Applicable Standard: EN 60079-0, EN 60079-11  
Type of Protection:  
Ex ic IIC T4...T1 Gc (Integral Type)  
Ex ic IIC T6...T1 Gc (Remote Type Detector)  
Ex ic IIC T5...T4 Gc (Remote Type Converter)  
Group: II, Category: 3 G  
Temperature Class: T4...T1 (Integral Type)  
T6...T1 (Remote Type Detector)  
T5...T4 (Remote Type Converter)  
Ambient Temperature: –40 to +60°C (Integral Type)  
–50 to +80 [79]°C (Remote Type Detector)  
–40 to +80°C (Remote Type Converter) ( [] : Option /MV at T6)  
Ambient Humidity: 5 to 100%RH (No condensation)  
(Option /HT above 250°C and Option /LT below -29°C,  
[ ] : Option /MV)  
Signal/Supply (Terminals SUPPLY + and –) Circuit:  
FISCO field device  
Ui = 32 V, Ci = 3.52 nF, Li = 0 mH  
Electrical Connection: ANSI 1/2 NPT female, ISO M20 × 1.5 female  
Pollution degree: 2  
Overvoltage Category: I | KN26 |
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
</table>
| **Canadian Standards Association (CSA)** | CSA explosion-proof Approval<br>Applicable Standard: C22.1-98, C22.2 No.0, C22.2 No.0.4, C22.2 No.0.5, C22.2 No.25, C22.2 No.30, C22.2 No.94, C22.2 No.142, C22.2, No.61010-1, ANSI/ISA-12.27.01<br>Type of Protection: explosion-proof for Class I, Groups B, C and D; Class II, Groups E, F and G; Class III. For Class I, Division 2 locations- "FACTORY SEALED, CONDUIT SEAL NOT REQUIRED."
Temperature Class: T6...T1 (Integral Type and Remote Type Detector)<br>T6 (Remote Type Converter)<br>Ambient Temperature: –50 to +60°C<br>Process Temperature: T6; 85°C, T5; 100°C, T4; 135°C, T3; 200°C, T2; 300°C, T1; 450°C<br>Enclosure: Type 4X<br>Coating of Enclosure: Epoxy resin coating or Polyurethane resin coating.<br>Attitude at Installation Site: Max. 2000 m above sea level<br>Overvoltage category: I<br>Pollution Degree: 2<br>This product is designed for indoor and outdoor use. | CF1 |
| **Process Sealing Certification** | Dual Seal Certified by CSA to the requirement of ANSI/ISA 12.27.01<br>No additional sealing required | CF11 |
| **IECEE (Note 4)** | IECEE Flameproof Approval<br>Applicable Standard: IEC60079-0, IEC60079-1<br>Type of Protection: Ex db IIC T6...T1 Gb (Integral Type and Remote Type Detector)<br>Ex db IIC T6 Gb (Remote Type Converter)<br>Temperature Class: T6...T1 (Integral Type and Remote Type Detector)<br>T6 (Remote Type Converter)<br>Process Temperature: T6 (~40 to 80°C), T5 (~40 to 100°C), T4 (~40 to 135°C), T3 (~40 to 200°C), T2 (~40 to 300°C), T1 (~40 to 450°C)<br>(Use /HT version above 250°C)<br>Ambient Temperature: –30 to 60°C (With indicator)<br>–40 to 60°C (Without indicator)<br>Ambient Humidity: 0 to 100%RH (No condensation)<br>Electrical Connection: ANSI 1/2NPT female, ISO M20 × 1.5 female | SF2 |
| **IECEE Intrinsically Safe Ex ia (Note 1,2)** | Applicable Standard: IEC 60079-0, IEC 60079-11<br>Type of Protection: Ex ia IIC T4...T1 Ga (Integral Type)<br>Ex ia IIC T6...T1 Ga (Remote Type Detector)<br>Ex ia IIC T4 Ga (Remote Type Converter)<br>Ambient Temperature: –40 to +60°C (Integral Type)<br>–50 to +80 [°F] (Remote Type Converter)<br>–40 to +80°C (Remote Type Converter) ([ ]: Option /MV)<br>Ambient Humidity: 0 to 100%RH (No condensation)<br>Process Temperature: T6; +84 [°F], T5; +100°C, T4; +135°C, T3; +199 [198]°C, T2; +299 [288]°C, T1; +449 [438]°C (Option /HT above 250°C and Option /LT below -29°C, [ ]: Option /MV)<br>Signal/Supply (Terminals SUPPLY+ and –): Entity: Ui = 24 V, II = 250 mA, Pi = 1.2 W, Ci = 3.52 nF, Li = 0 mH<br>FISCO: Ui = 17.5 V, II = 500 mA, Pi = 5.5 W, Ci = 3.52 nF, Li = 0 mH<br>Electrical Connection: ANSI 1/2NPT female, ISO M20 × 1.5 female | SS28 |
| **Technology Institution of Industrial Safety (TIIS), Japan** | TIIS explosion-proof Ex d IIC T6 approval<br>Ambient Temperature: –20 to 60°C<br>Electrical connection: JIS G1/2 female | JF3 |
<Factory setting>

<table>
<thead>
<tr>
<th>Item</th>
<th>AI1 for Flow Rate Signal (Standard)</th>
<th>AI2 for Temperature Signal (with MV Option)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tag number (PD_TAG)</td>
<td>Set to “FT1003” by default unless otherwise specified when ordered.</td>
<td></td>
</tr>
<tr>
<td>Output mode (L_TYPE)</td>
<td>“Direct”</td>
<td></td>
</tr>
<tr>
<td>Upper and lower calculation range limits and unit (XD_SCALE)</td>
<td>The upper range limit will be set to the maximum flow rate range specified in the registered sizing data, or to the 0 to 10 m³/h range in case of UNCALIBRATION.</td>
<td>-40 to +260°C or -40 to +500°F</td>
</tr>
<tr>
<td>Upper and lower output range limits and unit (OUT_SCALE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Node address</td>
<td>Set to 0xF2 unless otherwise specified when ordered.</td>
<td></td>
</tr>
</tbody>
</table>

Explanation of parameters:
1. **XD_SCALE**: Defines the input values from the transducer block (input range of the sensor) corresponding to 0% and 100% values in the calculation inside the AI function block. For a digitalYEWFLO, the values set as the flow span or temperature range (option) are stored in this parameter.
2. **OUT_SCALE**: Output scaling parameter. Defines the output values corresponding to 0% and 100% values in the calculation inside the AI function block.
3. **L_TYPE**: Determines whether the values passed from the transducer block (sensor) should be output without processing (“Direct”) or through scaling conversion based on OUT_SCALE (“Indirect”).

**TERMINAL CONNECTION**

<table>
<thead>
<tr>
<th>Terminal Symbols</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPPLY ☞ ☮</td>
<td>Fieldbus Communication Signal Terminals</td>
</tr>
<tr>
<td>SUPPLY ☮</td>
<td>Grounding Terminal</td>
</tr>
</tbody>
</table>

**ORDERING INFORMATION**

Specify the following when ordering:

1. Model and suffix codes.
2. Sizing data: Mandatory for ordering. (*)
   Create the sizing data by using the latest digitalYEWFLO Sizing Program.
   (*) : digitalYEWFLO Sizing Program is necessary to generate the sizing data for order.
3. Selection of UPPER DISP. FLOWRATE
   Except: the Remote Type Detector (-N)
4. Multi-Variable Type Selection
5. Tag Number (PD_TAG): Specify software tag (up to 32 characters) to be written on the amplifier memory.
6. Node address: Range 0x14 to 0xF7
7. Operation Functional Class: Select ‘BASIC’ or ‘LINK MASTER’.
8. Final destination selection
   (for detail, read GS 01F06A00-01EN)

Related Material
- digitalYEWFLO Series Vortex Flowmeter GS 01F06A00-01EN
- FSA120 Flow Configuration Software GS 01C25R51-01EN

Reference
Product names and company names in this document are trademarks or registered trademarks of the respective companies.

In this document, trademarks or registered trademarks are not marked with "™" or "®".

Related Instruments
Maintenance tools for field devices, bus terminators, fieldbus power supply, and other fieldbus components need to be prepared by the customer.