ORDERING INFORMATION Model : B3HU

PLEASE FILL IN THIS SECTION	FACTORY USE ONLY	
Model	Job No.	Inspected by:
Company	Ser No. –	
Name	Sales	Inspected by:
P/O No.		

PRODUCT'S DESTINATION COUNTRY

(Mark ❑ with ✔. This information is required only for the Safety Approval code 2. One of the selections must be specified.)
The ATEX Directive by the European Union, requires that the product be accompanied by a translation of the instructions in the language or languages of the country in which the product is to be used and by the instructions in the original language, when the product is to be used in the EU/EEA EFTA States* & Turkey.

* EEA EFTA States: Iceland, Liechtenstein and Norway

1. Is the product going to be used in one of the countries covered by the ATEX Directive (listed in Part 2 and 3)?

❑ **YES**, the product is to be used in the EU/EEA EFTA states or Turkey. ➠ Choose a country among listed in Part 2 and 3.
❑ **NO**, the product is to be used outside the EU/EEA EFTA states or Turkey. ➠ Local language instructions are not obligatory.

2. Choose one of the languages (countries) in which the product is to be used. Go to Part 3 if not listed in Part 2.

❑ English (Ireland, The United Kingdom)

3. Choose one of the countries in which the product is to be used, and then go to Part 4. If multiple languages are used in the country, specify one.

❑ Austria	❑ Finland	❑ Liechtenstein	❑ Slovakia
❑ Belgium (❑ Dutch ❑ French ❑ German)	❑ France	❑ Lithuania	❑ Slovenia
❑ Bulgaria	❑ Germany	❑ Luxembourg (❑ French ❑ German)	❑ Spain
❑ Croatia	❑ Greece	❑ Malta	❑ Sweden
❑ Cyprus	❑ Hungary	❑ Norway	❑ The Netherlands
❑ Czech Republic	❑ Iceland	❑ Poland	❑ Turkey
❑ Denmark	❑ Italy	❑ Portugal	
❑ Estonia	❑ Latvia	❑ Romania	

4. The translation must be made by either the manufacturer or his authorized representative established in the Community or the person introducing the product into the language area in question. The instructions' original language is English.
Will you or your authorized representative established in the Community, or the person introducing the product into the language area in question, translate the original instructions?

❑ **YES**, we will translate the original instructions.
❑ **NO**, we will translate the original instructions.

The translation of the original instructions must be available to the user before the product is commissioned. Please consult us for the delivery time of the product and the translation.
Do you wish the translation be sent to you separately from the product?

❑ **YES**, we agree that the translation will be sent separately.
❑ **NO**, the product must be accompanied with the translation.

Please confirm the product's destination country again and sign below:

_____

SOFTWARE SETTING Configurable with a HART hand-held communicator.
Fill in blank sections or mark ❑ with ✔ if necessary.

ITEM	SET VALUE	DEFAULT	COMMENTS
INPUT TYPE		K thermocouple	Choose from Table 1. For a special sensor not listed in the Table, please provide with a conversion table.
NUMBER OF WIRES	❑ 2 ❑ 3 ❑ 4 ❑ N/A	N/A	Applied for an RTD or resistance input. Choose among 2-wire, 3-wire or 4-wire.
INPUT UNIT	❑ Temperature sensor ❑ °C ❑ °F ❑ K ❑ °R ❑ Other than temperature	°C	Choose a temperature unit for the temperature input types.
INPUT RANGE		0 – 100	Choose from Table 1.
BURNOUT	❑ Upscale ❑ Downscale ❑ No burnout	Upscale	The burnout includes not only wire breakdowns but also an overrange input exceeding the maximum electrical range applicable to the input circuit.
DAMPING	❑ No ❑ Yes sec.	No	Choose 'No' or between 0.5 and 30 seconds.
HART ADDRESS		0	Choose between 0 and 15. Multi-drop mode when an address other than 0 is selected.

■ TABLE 1. INPUT TYPE, RANGE & ACCURACY

INPUT TYPE	MIN. SPAN	MAXIMUM RANGE	ACCURACY
DC mV & V	4 mV	-50 to +1000 mV	±0.1 % or ±10μV, whichever is greater (F.S. input ≤ 50 mV) ±0.1 % or ±40μV, whichever is greater (F.S. input ≤ 200 mV) ±0.1 % or ±60μV, whichever is greater (F.S. input ≤ 500 mV) ±0.1 % or ±80μV, whichever is greater (F.S. input > 500 mV)
Potentiometer	2 %	Total resicetance 150 to 4000Ω	±0.1 %
Resistance	10Ω	0 to 4000Ω	±0.1 % or ±0.1Ω, whichever is greater.*2

THERMOCOUPLE	°C				°F			
	MIN. SPAN	MAXIMUM RANGE	CONFORMANCE RANG	ACCURACY *1	MIN. SPAN	MAXIMUM RANGE	CONFORMANCE RANG	ACCURACY *1
(PR)	20	0 to 1760	0 to 1760	±1.00	36	32 to 3200	32 to 3200	±1.80
K (CA)	20	-270 to +1370	-150 to +1370	±0.25	36	-454 to +2498	-238 to +2498	±0.45
E (CRC)	20	-270 to +1000	-170 to +1000	±0.20	36	-454 to +1832	-274 to +1832	±0.36
J (IC)	20	-210 to +1200	-180 to +1200	±0.25	36	+346 to +2192	-292 to +2192	±0.45
T (CC)	20	-270 to +400	-170 to +400	±0.25	36	-454 to +752	-274 to +752	±0.45
B (RH)	20	100 to 1820	400 to 1760	±0.75	36	212 to 3308	752 to 3200	±1.35
R	20	-50 to +1760	200 to 1760	±0.50	36	-58 to +3200	392 to 3200	±0.90
S	20	-50 to +1760	0 to 1760	±0.50	36	-58 to +3200	32 to 3200	±0.90
C (WRe 5-26)	20	0 to 2315	0 to 2315	±0.25	36	32 to 4199	32 to 4199	±0.45
N	20	-270 to +1300	-130 to +1300	±0.30	36	-454 to +2372	-202 to +2372	±0.54
U	20	-200 to +600	-200 to +600	±0.20	36	-328 to +1112	-328 to +1112	±0.36
L	20	-200 to +900	-200 to +900	±0.25	36	-328 to +1652	-328 to +1652	±0.45
P (Platinel II)	20	0 to 1395	0 to 1395	±0.25	36	32 to 2543	32 to 2543	±0.45

RTD	°C			°F		
	MIN. SPAN	MAXIMUM RANGE	ACCURACY *2	MIN. SPAN	MAXIMUM RANGE	ACCURACY *2
Pt 100 (JIS '97, IEC)	20	-200 to +850	±0.15	36	-328 to +1562	±0.27
Pt 200	20	-200 to +850	±0.15	36	-328 to +1562	±0.27
Pt 300	20	-200 to +850	±0.15	36	-328 to +1562	±0.27
Pt 400	20	-200 to +850	±0.15	36	-328 to +1562	±0.27
Pt 500	20	-200 to +850	±0.15	36	-328 to +1562	±0.27
Pt 1000	20	-200 to +850	±0.15	36	-328 to +1562	±0.27
Pt 50 Ω (JIS '81)	20	-200 to +649	±0.15	36	-328 to +1200	±0.27
JPt 100 (JIS '89)	20	-200 to +510	±0.15	36	-328 to +950	±0.27
Ni 100	20	-80 to +260	±0.15	36	-112 to +500	±0.27
Ni 120	20	-80 to +260	±0.15	36	-112 to +500	±0.27
Ni 508.4 Ω	20	-50 to +200	±0.15	36	-58 to +392	±0.27
Ni-Fe 604	20	-200 to +200	±0.15	36	-328 to +392	±0.27
CU10 @ 25°C	20	-50 to +250	±0.50	36	-58 to +482	±0.90

*1. [Accuracy or ±0.1% of span, whichever is greater] + Cold Junction Compensation Error.

*2. Or ±0.1% of span, whichever is greater.
(For 2- or 3-wire resistance or RTD, the value is valid by the sensor calibration after the wiring is done.)