

ORDERING INFORMATION

MODEL : B3HU

PLEASE FILL IN THIS SECTION



Model
Company
Name
P/O No.

M-SYSTEM USE ONLY



Job No.	Inspected by:
Ser No. —	
Sales	Inspected by:

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 94/9/EC by the European Union, in its Annex II 1.0.6 (b), 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 an EU member state, Iceland or 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 an EU member state, Iceland or Norway. ➡➡ Choose a country among listed in Part 2 and 3.
- NO**, the product is to be used outside the EU, Iceland or Norway. ➡➡ 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.

- | | | |
|--|--|-----------------------------------|
| <input type="checkbox"/> Austria | <input type="checkbox"/> Belgium (<input type="checkbox"/> Dutch <input type="checkbox"/> French <input type="checkbox"/> German) | <input type="checkbox"/> Bulgaria |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Czech Republic | <input type="checkbox"/> Denmark |
| <input type="checkbox"/> Finland | <input type="checkbox"/> France | <input type="checkbox"/> Germany |
| <input type="checkbox"/> Hungary | <input type="checkbox"/> Iceland | <input type="checkbox"/> Italy |
| <input type="checkbox"/> Lithuania | <input type="checkbox"/> Luxembourg (<input type="checkbox"/> French <input type="checkbox"/> German) | <input type="checkbox"/> Latvia |
| <input type="checkbox"/> The Netherlands | <input type="checkbox"/> Norway | <input type="checkbox"/> Malta |
| <input type="checkbox"/> Romania | <input type="checkbox"/> Slovakia | <input type="checkbox"/> Poland |
| <input type="checkbox"/> Sweden | | <input type="checkbox"/> Slovenia |
| | | <input type="checkbox"/> Spain |

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**, M-System will translate the original instructions.

The translation of the original instructions must be available to the user before the product is commissioned. Please consult M-System 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:

■ TABLE 1. INPUT TYPE, RANGE & ACCURACY

INPUT TYPE	MIN. SPAN	MAXIMUM RANGE	ACCURACY					
DC mV & V	4mV	-50 to +1000mV	±0.1% or ±10μV, whichever is greater (F.S. input ≤50mV) ±0.1% or ±40μV, whichever is greater (F.S. input ≤200mV) ±0.1% or ±60μV, whichever is greater (F.S. input ≤500mV) ±0.1% or ±80μV, whichever is greater (F.S. input >500mV)					
Potentiometer	80Ω	0 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 RANGE	ACCURACY *1	MIN. SPAN	MAXIMUM RANGE	CONFORMANCE RANGE	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	EXCITATION	°C			°F			
		MIN. SPAN	MAXIMUM RANGE	ACCURACY *2	MIN. SPAN	MAXIMUM RANGE	ACCURACY *2	
Pt 100 (JIS '97/DIN/IEC)	0.2mA	20	-200 to +850	±0.15	36	-328 to +1562	±0.27	
Pt 200	0.2mA	20	-200 to +850	±0.15	36	-328 to +1562	±0.27	
Pt 300	0.2mA	20	-200 to +850	±0.15	36	-328 to +1562	±0.27	
Pt 400	0.2mA	20	-200 to +850	±0.15	36	-328 to +1562	±0.27	
Pt 500	0.2mA	20	-200 to +850	±0.15	36	-328 to +1562	±0.27	
Pt 1000	0.2mA	20	-200 to +850	±0.15	36	-328 to +1562	±0.27	
Pt 50 (JIS '81)	0.2mA	20	-200 to +649	±0.15	36	-328 to +1200	±0.27	
JPt 100 (JIS '89)	0.2mA	20	-200 to +510	±0.15	36	-328 to +950	±0.27	
Ni 100	0.2mA	20	-80 to +260	±0.15	36	-112 to +500	±0.27	
Ni 120	0.2mA	20	-80 to +260	±0.15	36	-112 to +500	±0.27	
Ni 508.4	0.2mA	20	-50 to +200	±0.15	36	-58 to +392	±0.27	
Ni-Fe 604	0.2mA	20	-200 to +200	±0.15	36	-328 to +392	±0.27	
Cu 10 (25°C)	0.2mA	20	-50 to +250	±0.50	36	-58 to +482	±0.90	

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

*2. Or ±0.1% of span, whichever is greater.

(For 2- or 3-wire RTD, the value is valid by the sensor calibration after the wiring is done.)