

## Ordering Information for AM-TE06 Series

| Model   | Product Description                                     |                          |                   |
|---------|---------------------------------------------------------|--------------------------|-------------------|
| AM-TE06 | Extension Lead Wire Thermocouple                        |                          |                   |
| Code(1) | Connection Head type                                    |                          | Explosion Proof   |
| 1       | Explosion Proof Aluminum Head                           | (Dual Conduits)          | Eex d IIC T5      |
| 2       | Explosion Proof Aluminum Head                           | (Single Conduits)        | Eex d IIB+H2 T6   |
| 3       | General Aluminum Head                                   | (Single Conduits)        | None(IP65)        |
| 4       | General Stainless Steel Head                            | (Single Conduits)        | None(IP65)        |
| 5       | Sensor only with 150mm long TEFLON insulated lead wires |                          | N/A               |
| Code(2) | Terminal                                                |                          |                   |
| S       | Single junction                                         | T Triple junction        |                   |
| D       | Dual junction                                           |                          |                   |
| Code(3) | No. of Conductor wire                                   |                          |                   |
| 2       | 2-wire                                                  |                          |                   |
| 4       | 2-wire duplex                                           |                          |                   |
| 6       | 2-wire triplex                                          |                          |                   |
| Code(4) | Extension lead type                                     |                          |                   |
| FS      | Flexible Copper shield type                             |                          |                   |
| FF      | Flexible Copper shield with compression fitting         |                          |                   |
| FA      | Flexible armoured type                                  |                          |                   |
| FQ      | Flexible armoured with compression fitting              |                          |                   |
| BS      | Bayonet spring load type                                |                          |                   |
| Code(5) | Element Type                                            | Thermocouple Wire Alloys | Tempearture Range |
| K       | Thermocouple "K"                                        | Chromel / Alumel         | -200 ~ 1200°C     |
| E       | Thermocouple "E"                                        | Chromel / Constantan     | -200 ~ 800°C      |
| J       | Thermocouple "J"                                        | Iron / Constantan        | 0 ~ 750°C         |
| T       | Thermocouple "T"                                        | Copper / Constantan      | -200 ~ 350°C      |
| Code(6) | Tip shape                                               |                          |                   |
| G       | Grounded tip                                            |                          |                   |
| U       | Ungrounded tip                                          |                          |                   |
| Code(6) | Extension Length(mm)                                    |                          |                   |
| 2000    | 2000                                                    |                          |                   |
| XXXX    | others                                                  |                          |                   |
| Code(7) | Sleeve type                                             |                          |                   |
| 10      | 55 mmL, Epoxy molded                                    |                          |                   |
| XX      | others                                                  |                          |                   |
| Code(8) | Sheath Material                                         |                          |                   |
| A       | 304SS                                                   |                          |                   |
| B       | 316SS                                                   |                          |                   |
| C       | INCONEL 600                                             |                          |                   |
| D       | 310SS                                                   |                          |                   |
| E       | 446SS                                                   |                          |                   |
| F       | 347SS                                                   |                          |                   |
| G       | 321SS                                                   |                          |                   |
| X       | Others                                                  |                          |                   |

| Code(9)  | Sheath Outer Diameter         |          |
|----------|-------------------------------|----------|
| 31       | 1.6mm                         |          |
| 32       | 3.2mm                         |          |
| 34       | 4.8mm                         |          |
| 36       | 6.4mm                         |          |
| 38       | 8.0mm                         |          |
| Code(10) | Conduit Connection            |          |
| O        | None                          |          |
| A        | 1/2"PF                        |          |
| B        | 1/2"PT                        |          |
| C        | 1/2"NPT                       |          |
| D        | 3/4"PF                        |          |
| E        | 3/4"PT                        |          |
| F        | 3/4"NPT                       |          |
| Code(11) | Process Connection Size       | Material |
| ZZ       | None                          | None     |
| H3       | 1/2"                          | 304 SS   |
| H4       | 1"                            | 304 SS   |
| H5       | 1 1/2"                        | 304 SS   |
| M3       | 2"                            | 304 SS   |
| M4       | 1/2"                          | 316 SS   |
| M5       | 1"                            | 316 SS   |
| M6       | 1 1/2"                        | 316 SS   |
| M7       | 2"                            | 316 SS   |
| X        | Others                        |          |
| Code(12) | Connection Type               |          |
| 0        | None                          |          |
| 2        | PT                            |          |
| 3        | PF                            |          |
| 4        | NPT                           |          |
| 8        | NPS                           |          |
| F01      | ANSI 150# RF                  |          |
| F02      | ANSI 150# FF                  |          |
| F03      | ANSI 300# RF                  |          |
| F04      | ANSI 300# FF                  |          |
| F05      | ANSI 600# RF                  |          |
| F15      | JIS 10K RF                    |          |
| F16      | JIS 10K FF                    |          |
| F17      | JIS 20K RF                    |          |
| F18      | JIS 20K FF                    |          |
| 9        | Compression fitting connector |          |
| F99      | Others                        |          |

| Code(13)                             | Lead wire diameter          |
|--------------------------------------|-----------------------------|
| 33                                   | 0.18mm(AWG 33)              |
| 30                                   | 0.25mm(AWG 30)              |
| 24                                   | 0.51mm(AWG 24)              |
| 21                                   | 0.72mm(AWG 21)              |
| 18                                   | 1.02mm(AWG 18)              |
| 16                                   | 1.27mm(AWG 16)              |
| 14                                   | 1.63mm(AWG 14)              |
| XX                                   | Others                      |
| Code(14)                             | Sensor Immersion Length(L)  |
| L0100                                | 100mm                       |
| L0150                                | 150mm                       |
| L0200                                | 200mm                       |
| L0250                                | 250mm                       |
| L0300                                | 300mm                       |
| L0350                                | 350mm                       |
| L0400                                | 400mm                       |
| L0450                                | 450mm                       |
| L0500                                | 500mm                       |
| L0550                                | 550mm                       |
| L0600                                | 600mm                       |
| L0700                                | 700mm                       |
| L0800                                | 800mm                       |
| L0900                                | 900mm                       |
| L1000                                | 1000mm                      |
| XXXXX                                | Others                      |
| Code(15)                             | Tolerance Grade             |
| A0                                   | ANSI Grade(STD)             |
| A1                                   | ASTM Grade (STD)            |
| A2                                   | IEC (STD)                   |
| A3                                   | ANSI Grade (SP)             |
| Code(16)                             | Calibrate certifications    |
| N                                    | Not apply                   |
| T1                                   | Test Report by Manufacturer |
| Code(17)                             | Accessory Options           |
| 0                                    | Not apply                   |
| 1                                    | Thermowell                  |
| X                                    | Others                      |
| Sample ordering code : Thermocouple; |                             |
| TE065KS2GU331336ZM340150K2T1         |                             |

## THERMOCOUPLE EXTENSION LEAD WIRE TYPE (AM-TE06 Series)

