

## ORDER CODES

**Example Order Number:**

1-0 1-1 1-2 1-3 1-4 1-5 1-6 1-7 1-8  
**36T82-D10 - 33 - 85 - 85 - E - U - S(0-200) C - SIL**

### 1-0 Transmitter Type

| CODE      | DESCRIPTION                                                              |
|-----------|--------------------------------------------------------------------------|
| T82-00    | No display (transmitter only)                                            |
| T82-D10   | Transmitter with digital display                                         |
| 36T82-D10 | Transmitter with digital display and general purpose screw-cover housing |

### 1-1 Configuration Input

| CODE | DESCRIPTION                          |
|------|--------------------------------------|
| 00   | Unconfigured                         |
| 21   | Ch1: RTD 2-wire, Ch2: inactive       |
| 22   | Ch1: RTD 2-wire, Ch2: RTD 2-wire     |
| 23   | Ch1: RTD 2-wire, Ch2: RTD 3-wire     |
| 2T   | Ch1: RTD 2-wire, Ch2: Thermocouple   |
| 31   | Ch1: RTD 3-wire, Ch2: inactive       |
| 32   | Ch1: RTD 3-wire, Ch2: RTD 2-wire     |
| 33   | Ch1: RTD 3-wire, Ch2: RTD 3-wire     |
| 3T   | Ch1: RTD 3-wire, Ch2: Thermocouple   |
| 41   | Ch1: RTD 4-wire, Ch2: inactive       |
| 4T   | Ch1: RTD 4-wire, Ch2: Thermocouple   |
| T1   | Ch1: Thermocouple, Ch2: inactive     |
| TT   | Ch1: Thermocouple, Ch2: Thermocouple |

### 1-2 Sensor Input Channel 1

| CODE | DESCRIPTION                                                     |
|------|-----------------------------------------------------------------|
| J    | Type J thermocouple                                             |
| K    | Type K thermocouple                                             |
| T    | Type T thermocouple                                             |
| N    | Type N thermocouple                                             |
| E    | Type E thermocouple                                             |
| R    | Type R thermocouple                                             |
| S    | Type S thermocouple                                             |
| B    | Type B thermocouple                                             |
| 85   | 100 ohm platinum ( $\alpha = 0.003\ 85\ ^\circ\text{C}^{-1}$ )  |
| 55   | 500 ohm platinum ( $\alpha = 0.003\ 85\ ^\circ\text{C}^{-1}$ )  |
| 95   | 1000 ohm platinum ( $\alpha = 0.003\ 85\ ^\circ\text{C}^{-1}$ ) |

### 1-8 SIL Option

| CODE | DESCRIPTION                                   |
|------|-----------------------------------------------|
| SIL  | Safety Integrity Level SIL2 and Supports SIL3 |

### 1-7 Unit of Measure

| CODE | DESCRIPTION |
|------|-------------|
| C    | Celsius     |
| F    | Fahrenheit  |

### 1-6 Range

| CODE | DESCRIPTION                 |
|------|-----------------------------|
| S    | (lower limit – upper limit) |

### 1-5 Failure Mode

| CODE | DESCRIPTION                           |
|------|---------------------------------------|
| U    | Upscale Burnout $\geq 23\ \text{mA}$  |
| D    | Downscale Burnout $\leq 3\ \text{mA}$ |

### 1-4 Input Set-ups

| CODE | DESCRIPTION                                           |
|------|-------------------------------------------------------|
| A    | Process variable = Ch1; Ch2 = inactive                |
| B    | Process variable = Ch1; Secondary value = Ch2         |
| C    | Process variable = the difference between Ch1 and Ch2 |
| D    | Process variable = average of Ch1 and Ch2             |
| E    | Sensor backup; Process variable = Ch1 and Ch2         |

### 1-3 Sensor Input Channel 2

| CODE | DESCRIPTION                                                     |
|------|-----------------------------------------------------------------|
| 00   | No second channel                                               |
| J    | Type J thermocouple                                             |
| K    | Type K thermocouple                                             |
| T    | Type T thermocouple                                             |
| N    | Type N thermocouple                                             |
| E    | Type E thermocouple                                             |
| R    | Type R thermocouple                                             |
| S    | Type S thermocouple                                             |
| B    | Type B thermocouple                                             |
| 85   | 100 ohm platinum ( $\alpha = 0.003\ 85\ ^\circ\text{C}^{-1}$ )  |
| 55   | 500 ohm platinum ( $\alpha = 0.003\ 85\ ^\circ\text{C}^{-1}$ )  |
| 95   | 1000 ohm platinum ( $\alpha = 0.003\ 85\ ^\circ\text{C}^{-1}$ ) |