

## ORDER CODES

**Unconfigured Order Number:** 440-00<sup>[1]</sup>

**Configured Order Number:** **4 4 0** - **3 85 U** - **S (50-300) F**

**1**

CODE	DESCRIPTION
2	RTD (2-wire)
3	RTD (3-wire)

**2**

CODE	DESCRIPTION
85	100 ohm platinum ( $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$ )

[1] Default setting for unconfigured transmitter is Pt100 (0 -100) $^\circ\text{C}$



**3**

CODE	DESCRIPTION
U	Upscale Burnout $\geq 21.0 \text{ mA}$
D	Downscale Burnout $\leq 3.6 \text{ mA}$

**4**

RANGE
S ( lower limit – upper limit)

**5**

CODE	DESCRIPTION
C	Celsius
F	Fahrenheit

### Accessories

CODE	DESCRIPTION
440-CABLE	Communication Cable and Software (RS232)
440-CABLE-USB	Communication Cable and Software (USB)
440-DIN35	35 mm DIN rail mounting clip

## ORDER CODES

**Unconfigured Order Number:** 441-00<sup>[1]</sup>

**Configured Order Number:** **4 4 1** - **1 J U** - **S (50-300) F**

**1**

CODE	DESCRIPTION
1	Thermocouple (TC)
2	RTD (2-wire)
3	RTD (3-wire)
4	RTD (4-wire)

**2**

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 ( $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$ )
55	500 ohm platinum ( $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$ )
95	1000 ohm platinum ( $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$ )
MV	Millivolts
W	Resistance

[1] Default setting for unconfigured transmitter is Pt100 (0 - 100) °C

1 2 3 - 4 5  
**1 J U** - **S (50-300) F**

**3**

CODE	DESCRIPTION
U	Upscale Burnout $\geq 21.0 \text{ mA}$
D	Downscale Burnout $\leq 3.5 \text{ mA}$

**4**

RANGE
S ( lower limit – upper limit)

**5**

CODE	DESCRIPTION
C	Celsius
F	Fahrenheit

### Accessories

CODE	DESCRIPTION
440-CABLE	Communication Cable and Software (RS232)
440-CABLE-USB	Communication Cable and Software (USB)
441-DIN35	35 mm DIN rail mounting clip

## ORDER CODES

**Unconfigured Order Number:** 442-00<sup>[1]</sup>

**Configured Order Number:** **4 4 2** - **1 J U** - **S (50-300) F**

**1**

CODE	DESCRIPTION
1	Thermocouple (TC)
2	RTD (2-wire)
3	RTD (3-wire)
4	RTD (4-wire)

**2**

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 ( $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$ )
55	500 ohm platinum ( $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$ )
95	1000 ohm platinum ( $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$ )
MV	Millivolts
W	Resistance

[1] Default setting for unconfigured transmitters is Pt100 (0 - 100) °C

1 2 3 - 4 5  
**1 J U** - **S (50-300) F**

**3**

CODE	DESCRIPTION
U	Upscale Burnout $\geq 21.0 \text{ mA}$
D	Downscale Burnout $\leq 3.6 \text{ mA}$

**4**

RANGE
S ( lower limit – upper limit)

**5**

CODE	DESCRIPTION
C	Celsius
F	Fahrenheit

### Accessories

CODE	DESCRIPTION
442-MODEM	HART® Communication Modem and Software (RS232)
442-MODEM-USB	HART® Communication Modem and Software (USB)
441-DIN35	35 mm DIN rail mounting clip

## ORDER CODES

**Example Order Number:**

1-0      1-1      1-2    1-3    1-4      1-5      1-6  
**642A** - **D** - **3 85 U** - **S(0-200)** **C**

### 1-0 Transmitter Type

CODE	DESCRIPTION
642A	(4 to 20) mA HART® Field Transmitter with general purpose aluminum housing
642C	(4 to 20) mA HART® Field Transmitter with explosion proof aluminum housing FM/CSA / XP Class I / Div 1 / Groups A,B,C,D / DIP Class II / Div 1 / Groups E,F,G / Class III / NI Class I / Div 2 / Groups A,B,C,D
642F	(4 to 20) mA HART® Field Transmitter with general purpose aluminum housing FM/CSA IS Class I / Div 1 / Groups A,B,C,D / NI Class I / Div 2 / Groups A,B,C,D

### 1-1 Options

CODE	DESCRIPTION
T	Solid cover
D	Glass cover with digital display

### 1-2 Input Type

CODE	DESCRIPTION
00	Unconfigured <sup>[1]</sup>
1	Thermocouple (TC) or millivolt
2	RTD (2-wire) or resistance
3	RTD (3-wire) or resistance
4	RTD (4-wire) or resistance

[1] Default setting for unconfigured transmitter is Pt100 (0 - 100) °C

### Accessories

CODE	DESCRIPTION
442-MODEM	HART® Communication Modem and Software (RS232)
442-MODEM-USB	HART® Communication Modem and Software (USB)
642-BRACKET	Pipe mounting bracket for use on pipes with a diameter between 1.5" to 3.3"

### 1-6 Unit of Measure

CODE	DESCRIPTION
C	Celsius
F	Fahrenheit
K	Kelvin

### 1-5 Range

CODE	DESCRIPTION
S	(lower limit – upper limit)
Z	Special Configuration (See configuration sheet for customer specific set-up)

### 1-4 Failure Mode

CODE	DESCRIPTION
U	Upscale Burnout ≥ 23 mA
D	Downscale Burnout ≤ 3 mA

### 1-3 Sensor Type

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 °C)
55	500 ohm platinum ( $\alpha = 0.003$ 85 °C)
95	1000 ohm platinum ( $\alpha = 0.003$ 85 °C)
MV	Millivolts
W	Resistance
Other types available. Consult factory.	