### ORDER CODES

**Example Order Number:**

<table>
<thead>
<tr>
<th>1-0</th>
<th>1-1</th>
<th>1-2</th>
<th>1-3</th>
<th>1-4</th>
<th>1-5</th>
<th>1-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>642A</td>
<td>D</td>
<td>3</td>
<td>85</td>
<td>U</td>
<td>S(0-200)</td>
<td>C</td>
</tr>
</tbody>
</table>

- **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 |
  - | 642E | (4 to 20) mA HART Field Transmitter with flame-proof/dust-protected aluminum housing ATEX/IECEx; Ex d IIC T6...T4Gb; Ex tb IIIC T110 °C Db, IP66/67 |
  - | 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[^1] |
  - | 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 3-wire Pt100 (0 - 100) °C

- **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 (α = 0.003 85 °C⁻¹) |
  - | 55   | 500 ohm platinum (α = 0.003 85 °C⁻¹) |
  - | 95   | 1000 ohm platinum (α = 0.003 85 °C⁻¹) |
  - | MV   | Millivolts |
  - | W    | Resistance |
  - Other types available. Consult factory.

- **1-4 Failure Mode**
  - | CODE | DESCRIPTION |
  - | U    | Upscale Burnout ≥ 23 mA |
  - | D    | Downscale Burnout ≤ 3 mA |

- **1-5 Range**
  - | CODE | DESCRIPTION |
  - | S    | (lower limit – upper limit) |

- **1-6 Unit of Measure**
  - | CODE | DESCRIPTION |
  - | C    | Celsius |
  - | F    | Fahrenheit |
  - | K    | Kelvin |

**Accessories**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>10321</td>
<td>Pipe mounting bracket for use on pipes with a diameter between 1.5&quot; to 3.3&quot;</td>
</tr>
</tbody>
</table>

[^1]: HART® is a registered trademark of HART Communication Foundation