

Rosemount™ 248 HART® Head Mount Configuration Data Sheet

BOLD = Required value

***** = Default

Select only one of the items provided

One or more of the listed items can be selected

| Customer information | |
|---------------------------|-----------------------|
| Customer: _____ | Contact name: _____ |
| Phone no.: _____ | Fax no./email: _____ |
| P.O./reference no.: _____ | P.O. line item: _____ |
| Quote no.: _____ | Model no.: _____ |
| Customer sign-off: _____ | |

| Tagging | |
|--|--|
| Hardware tag: _____ | (13 characters maximum) |
| Software tag: _____ | (8 characters maximum - default is 8 characters of the hardware tag) |
| Long software tag ⁽¹⁾ : _____ | (32 characters maximum) |

1. Requires HR7 option code.

| Sensor configuration | | | |
|---|--|-------------------------------|--------------------------|
| RTDs | Thermocouples | Other sensor types | Measurement range |
| <input type="radio"/> Pt 100* ($\alpha = 0.00385$) IEC | <input type="radio"/> Type B NIST | <input type="radio"/> mV | Upper range value (100%) |
| <input type="radio"/> Pt 200 ($\alpha = 0.00385$) IEC | <input type="radio"/> Type E NIST | <input type="radio"/> ohm | _____ (100 °C*) |
| <input type="radio"/> Pt 500 ($\alpha = 0.00385$) IEC | <input type="radio"/> Type J NIST | Number of leads | Lower range value (0%) |
| <input type="radio"/> Pt 1000 ($\alpha = 0.00385$) IEC | <input type="radio"/> Type K NIST | <input type="radio"/> 2-wire | _____ (0 °C*) |
| <input type="radio"/> Pt 100 ($\alpha = 0.003916$) JIS | <input type="radio"/> Type N NIST | <input type="radio"/> 3-wire | |
| <input type="radio"/> Pt 200 ($\alpha = 0.003916$) JIS ⁽¹⁾ | <input type="radio"/> Type R NIST | <input type="radio"/> 4-wire* | |
| <input type="radio"/> Ni 120 Edison Curve No. 7 | <input type="radio"/> Type S NIST | Units | |
| <input type="radio"/> Cu 10 Edison Copper Winding No. 15 | <input type="radio"/> Type T NIST | <input type="radio"/> mV | |
| <input type="radio"/> Pt 50 ($\alpha = 0.00391$) GOST 6651-94 | <input type="radio"/> Type L DIN | <input type="radio"/> Ohms | |
| <input type="radio"/> Pt 100 ($\alpha = 0.00391$) GOST 6651-94 | <input type="radio"/> Type U DIN | <input type="radio"/> K | |
| <input type="radio"/> Cu 50 ($\alpha = 0.00426$) GOST 6651-94 | <input type="radio"/> Type W5Re/W26Re ASTM | <input type="radio"/> °R | |
| <input type="radio"/> Cu 50 ($\alpha = 0.00428$) GOST 6651-94 | <input type="radio"/> Type L GOST | <input type="radio"/> °C* | |
| <input type="radio"/> Cu 100 ($\alpha = 0.00426$) GOST 6651-94 | | <input type="radio"/> °F | |
| <input type="radio"/> Cu 100 ($\alpha = 0.00428$) GOST 6651-94 | | | |
| <input type="radio"/> Transmitter Sensor Matching ⁽²⁾ | | | |

1. Requires HR7 and C1 option code.

2. Requires the C2 option code.

Options

Custom configuration information below this line requires C1 option code.

| | |
|--|--|
| Transmitter information | |
| Descriptor: _____ | (16 characters maximum) |
| Message: _____ | (32 characters maximum) |
| Date: _____ (MM/DD/YYYY; default is date of final configuration) | |
| Failure mode switch: <input type="radio"/> High★ <input type="radio"/> Low | |
| Damping | |
| <input type="radio"/> 0 second <input type="radio"/> 5 seconds★ <input type="radio"/> Other _____ (0.5 to 32 in 0.1 sec. increments) | |
| Alarm and saturation values | |
| <input type="radio"/> Rosemount standard levels★ (High alarm = 21.75 mA; Low alarm = 3.75 mA; High saturation = 20.5 mA; Low saturation = 3.9 mA) | |
| <input type="radio"/> NAMUR - compliant (available with option codes A1 or CN) | |
| <input type="radio"/> Custom (option code C1) | |
| High alarm level: _____ | mA (must be between 21.0 and 23.0 mA) |
| Low alarm level: _____ | mA (must be between 3.5 and 3.75 mA) |
| High saturation level: _____ | mA (must be between 20.5 to 20.9 mA) |
| Low saturation level: _____ | mA (must be between the low alarm value plus 0.1 mA, 3.9 mA, and minimum 3.7 mA) |
| Security information | |
| Software write protection: <input type="radio"/> Enable <input type="radio"/> Disabled★ | |

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