

TM - 2HL

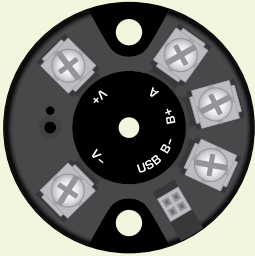
2-WIRE TEMPERATURE TRANSMITTER (Head mnt, loop powered, non-isolated)

This versatile, compact transmitter accepts a range of temperature inputs without the use of jumpers, making it ideal for a variety of temperature applications.

- Current output** 4-20mA or 20-4mA
Supply voltage 36V max
Operating temp. -20-+65°C
USB prog. zero 0-±99% of span

RTD INPUT

- Sensor types** RTD Pt100/Pt1000, 3-wire (or 2-wire with offset cal)
Sensor current 0.15mA nominal
Lead resistance
Pt100 10Ω/wire MAX
Pt1000 5Ω/wire MAX
(0.02% FSO offset error per Ω)
Accuracy ≤0.3°C
Linearity
Pt100 0.02% FSO (for ≤200°C)
0.1% FSO (for ≤850°C)
Pt1000 0.02% FSO (for ≤200°C)
0.2% FSO (for ≤520°C)



- USB port (requires TM - USB kit - see p.8)
- Head-mount case
44 x 44 x 23mm (H x W x D)

T/C INPUT

- Sensor types** B, E, J, K, N, R, S, T
Input impedance 1MΩ MIN
Lead resistance 100Ω MAX
Cold junction -20-+90°C
Accuracy
E, J, K, N, T <±2°C
B, R, S <±3°C
Temperature drift
E, J, K, N, T <±0.05°C
B, R, S <±0.2°C
CJC error <±1°C

CODE	DESCRIPTION
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TM - 2HL	2-wire temperature transmitter (head-mount, non-isolated) Powered by 4-20mA current loop input signal
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TM - USB	Reusable communications kit containing: USB programmer, head mount adaptor, transmitter/programmer interface cable and USB extension cable (See p.8 for more info.)
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