Configuration sheet for Series 642 temperature transmitter
For customer specific setup

Sensor

TC ( ) B ( ) C ( ) D ( ) E ( ) J
( ) K ( ) L ( ) N ( ) R ( ) S
( ) T ( ) U

RTD ( ) Pt100 ( ) Pt500 ( ) Pt1000
( ) Ni100 ( ) Ni500 ( ) Ni1000

( ) mV ( ) (10 to 400) Ohm ( ) (10 to 2000) Ohm

( ) 2-wire ( ) 3-wire ( ) 4-wire

Unit ( ) °C ( ) °F ( ) K ( ) mV ( ) Ohm

Range Lower limit [ ][ ][ ][ ][ ].[ ]

Upper limit [ ][ ][ ][ ][ ].[ ]

Note:
Must meet minimum space requirements

Expanded setup

Reference junction/TC only ( ) internal ( ) external [ ][ ][ ] (0 to 80) ºC (32 to 17) ºF

Compensation wire resistance S1 [ ][ ] (0 to 30) Ohm

Failure mode ( ) ≤ 3.6 mA ( ) ≥ 21.0 mA

Output ( ) (4 to 20) mA ( ) (20 to 4) mA

Filter [ ][ ] (0 to 60) s

Offset S1 [ ][ ].[ ] (-10 to 10) ºC [-18 to 18] ºF

Line voltage filter ( ) 50 Hz ( ) 60 Hz

TAG [ ][ ][ ][ ][ ][ ][ ][ ]

DESCRIPTION
16 characters max. [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]