

# Endress+Hauser Temperature transmitter TMT31-URA1A1A1B3C1PA

**Temperature transmitter for accurate and reliable 1-channel RTD measurements in process industries.**



Picture for reference only. Product appearance may vary based on configuration

The iTEMP TMT31 is a head mounted 4-20mA RTD temperature transmitter. It offers high safety and long-term stable, reliable measurement accuracy. Ease of use and a facilitated installation are secured by the optimized connection technology with push-in terminals for tool-free, secure and extremely fast wiring. It is also available with the classic screw terminals. The device is pre-configured with factory-set, fixed parameters or can be parametrized using free software tools.

- Push-in terminals for fast and tool-free wiring during installation or maintenance can cut wiring time by up to 85%.
- Ready-to-use: Factory pre-configured or easy parametrization using free software tools.

## Configuration of TMT31-URA1A1A1B3C1PA:

|                        |    |                                                           |
|------------------------|----|-----------------------------------------------------------|
| Approval:              | UR | Non-hazardous area + UK marking                           |
| Output Signal:         | A  | 4-20mA                                                    |
| Housing Shape:         | 1  | Form B head transmitter, DIN EN 50446                     |
| Electrical Connection: | A  | Screw terminals                                           |
| Sensor Input:          | 1  | Measuring input RTD                                       |
| Device Model:          | A1 | 1                                                         |
| >Sensor Connection:    | B3 | RTD 4-wire                                                |
| >Sensor Type:          | C1 | Pt100, IEC60751 (a=0.00385), -200...+850oC, min. span 10K |
| >>Accessory Enclosed:  | PA | Mounting set DIN terminal head                            |
| Upper range value      |    | 100.00°C                                                  |
| Low range value        |    | 0.00°C                                                    |

Alternative part number: TMT31-1D04/139