

TCPDE M

- ANALOGUE CONTROLLER
- ON/OFF AND PD CONTROL
- RANGES FROM 100 TO 1200°C



FEATURES

| TCPDE M | |
|---------------------------------|--|
| INPUTS | Thermocouples J, K Thermoresistances Pt 100 IEC |
| 2 different configurations | |
| Accuracy | ±5% f.s. |
| OUTPUT | |
| One | OUT 1: Relay 8A-AC1 (3A-AC3)/250Vac or 20 mA/12 Vdc to drive SSR |
| FUNCTIONAL | |
| Control | ON/OFF, PD Ranges available from 100 to 1200°C: |
| | 0... 100°C (Pt100 only) |
| | 0... 200°C |
| | 0... 250°C |
| | 0... 350°C |
| | 0... 600°C |
| | 0... 1000°C |
| | 0... 1100°C |
| | 0... 1200°C |
| GENERAL | |
| Power supply | 24... 240 Vac ±10% (50/60 Hz) |
| Power consumption | 3 VA approx. |
| Dimensions / Weight | 48 x 48 mm (1/16 DIN) – depth 89 mm / 200 g approx. |
| Connections | Faston 6.3 mm terminals or Octal socket |
| Mounting | Flush in panel in 45.5 x 45.5 mm hole |
| Front protection degree | IP 54, mounted on panel with gasket |
| Operating / storage temperature | 0... +50°C (32... +122°F) / -25... +60°C (-13... +140°F) |
| Operating humidity | 30... 95 RH% without condensation |
| Conformity | Directive EMC :004/108/CE (EN 61326), Directive BT 2006/95/CE (EN 61010-1) |

HOW TO ORDER

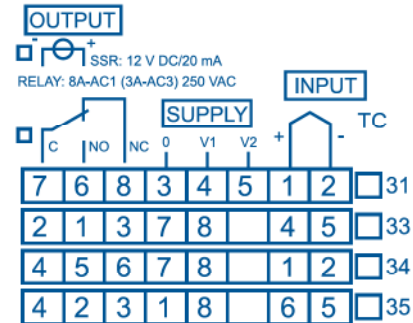
To compose the part number, pls. choose one of the option for each variable

| TCPDE M | CODE |
|---------------------------|------|
| RANGES | |
| 0... 100°C (PT100 only) | 1 |
| 0... 200°C | 2 |
| 0... 350°C | 3 |
| 0... 600°C | 4 |
| 0... 1000°C | 6 |
| 0... 1200°C | 7 |
| 0... 250°C | 8 |
| 0... 1100°C | 9 |
| POWER SUPPLY | |
| 24... 240 Vac | U |
| INPUT | |
| J | J |
| K | K |
| PT100 | P |
| OUTPUT | |
| Relay | R |
| 0... 12 V for SSR driving | T |
| WIRING DIAGRAM | |
| Thermocouples | 31 |
| Thermoresistances (*) | 32 |
| Thermocouples | 33 |
| Thermocouples | 34 |
| Thermocouples | 35 |
| CONNECTIONS | |
| Faston | F |
| Octal | 0 |
| CONTROL | |
| ON/OFF | 0 |
| PD | P |

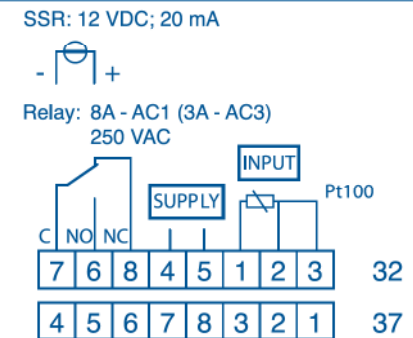
(*) max. range for PT100 input: 350°C

CONNECTIONS

TCPDE M - TC INPUT

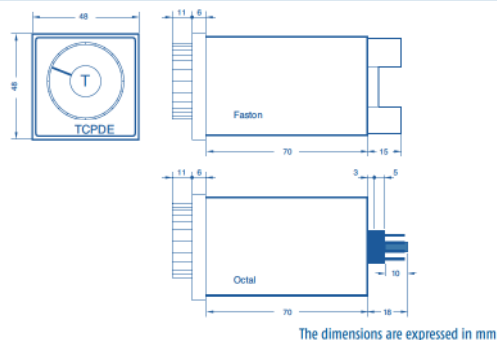


TCPDE M - PT100 INPUT



DIMENSIONS

TCPDE M



- INDUSTRIAL CONTROLLERS
- ADVANCED PROGRAMMER CONTROLLERS
- DIN RAIL MOUNTING CONTROLLERS
- THERMOSTATS ANALOGUE CONTROLLERS
- SPECIAL CONTROLLERS AND "CUSTOM"
- PAC SYSTEMS
- PRE-PROGRAMMED SYSTEMS
- PLC AND OPERATOR PANELS
- TIMERS COUNTERS POWER LIMITERS
- INDICATORS
- I/O MODULES
- SUPERVISION
- COMBUSTION CONTROL
- ACCESSORIES