

## TM - 4DPI

### 4-WIRE UNIVERSAL TRANSMITTER (DIN-mount, user powered, isolated)

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

#### Input range

RTD	PT100, PT1000,
Thermocouple	B, E, J, K, L, N, R, S T or custom type
Current	0-20mA, 4-20mA
Voltage	100-0mV, 10-0V, +10-10V
Potentiometer	2k $\Omega$ -1M $\Omega$

**Operating temp.** -10+60°C

**Supply voltage** 85-265V AC  
20-72V DC

**Isolation voltage** 2.3kV AC (test)  
250V AC (operation)

#### -----OUTPUT-----

**Current output** 0-20mA, 20-0mA,  
4-20mA, 20-4mA

**Voltage output** 0-10V, 10-0V,  
+10-10V, -10+10V

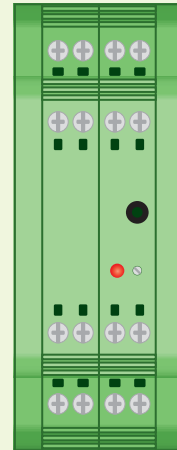
**Temp. coefficient**  $\leq \pm 0.01\%$  of span/ $^{\circ}\text{C}$

**Response time** 0-90%, 100-10%  
<1 sec

**Resolution** 0.5 $\mu\text{A}$

**Accuracy**  $\leq \pm 0.1\%$  of span

- **USB port**  
For use with TM - CD communications kit
- **Status LED**  
Slow flashing: under/over range. Fast flashing: fault
- **Potentiometer**  
For fine offset adjustment of the output
- **35mm DIN rail case**  
79 x 20 x 68mm (H x W x D)



**Max load** 650 $\Omega$

**Load stability**  $\leq 0.01\%$  of span/ $100\Omega$

**Error detection** LED indication for sensor errors (3.8mA, 21.5mA)

**Linearization** 32-point flexible linearization may be applied to current/voltage inputs

CODE	DESCRIPTION
TM - 4DPI	4-wire universal transmitter (DIN-mount, isolated) Powered by 85-265V AC / 20-72V DC power supply
TM - CD	Reusable communications kit (includes USB interface cable and software)