

# AC Input High Current Transmitters

## Precision, Loop Powered

### Series T26

Series T26 represents a new concept for high AC current measurements. The new units combine the reliability of high precision high capacity current-transformers with the proven performance of Mescon's AC input 2-wire transmitters. The T26 offer a coherent industrial solution to current measurement problems of up to 1000A. The output is a linear current loop, 4-20mA which is proportional to the electrical current flowing through the T26 core.

A test terminal provides a 40-200mV signal proportional to the 4-20mA output for monitoring and verification of the output without breaking the current loop.

An optional integral digital LCD indicator is available for many input ranges to directly display the actual current flow through the T26.



#### OPTIONS:

- LCD Digital Indicator

#### SPECIFICATIONS:

Input Ranges .....	0-20A min., 0-50, 0-100, 0-200, 0-500, 0-1000A max. 50/60/ 400Hz
Output .....	4-20mA loop powered transmitter
Zero Suppression .....	to 50% of input range
Adjustments .....	> $\pm 20\%$ for both zero and span
Power Supply Range ...	10-40 VDC, reverse polarity protected
Supply Load Effect ....	Negligible
I/O Isolation .....	> 4000 VDC or peak AC
Linearity (BSLF) .....	Better than $\pm 0.25\%$ of full range
Conversion Method ...	AC averaging
Stability .....	Better than 0.01% of full range/ $^{\circ}\text{C}$
Operating Temperature	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
Size HxWxD .....	95x115x68 mm
Core Opening Size ....	31x61x68 mm
Mounting .....	2 stand-off screws 4 mm Dia.
Weight .....	0.9Kg. (2 lb.) max.

*All specifications are subject to change without notice.*

