



### Technical Detail :-

<b>Model</b>	:	TRANS2W
<b>Type</b>	:	2- Wire
<b>Input</b>	:	RTD Pt-100, 3 wire T/C (J K R S type) DC Volt , DC current, Resistance (Pl. specify...)
<b>Input Range</b>	:	Pl. Specify
<b>Output</b>	:	(i) 4-20 mA (ii) 1-5 VDC
<b>Load on Output</b>	:	$VS - (0.5VR + 12) / 0.02$ VS=Supply Voltage VR= Ripple in Supply Voltage
<b>Calibration</b>	:	Zero & Span calibration by Two individual trim pots
<b>Isolation</b>	:	Galvanic isolation of 2 KV
<b>I/P O/P Isolation</b>	:	1000 VDC or Peak AC
<b>Burn Out: Protection</b>	:	Upscale (T/C, RTD & R) ,Down Scale (Others).
<b>Linearity&amp; Accuracy</b>	:	With in $\pm 0.25\%$ of span
<b>Insulation Strength</b>	:	Tested at 500 VAC between electronics & earth
<b>Anti Humidity Treatment</b>	:	Acryform Conformal coating on PCB
<b>ACJC</b>	:	Provided for T/C inputs
<b>Drift</b>	:	Within $\pm 0.5\%$ for 3 months
<b>Temp. Drift</b>	:	$\pm 0.05\%$ of Span per $^{\circ}\text{C}$
<b>Response time</b>	:	Less than 1 sec.
<b>Power Supply</b>	:	13 to 36 VDC (Reverse polarity protected)
<b>Ambient Temp. &amp; Humidity</b>	:	$0^{\circ}\text{C}$ to $60^{\circ}\text{C}$ & Up to 95% Rh non Condensing
<b>Mounting</b>	:	Din Rail / Field / Head (Imported ABS plastic)
<b>Terminals</b>	:	Suitable for up to 2.5 sq.mm cable
<b>Insulation resistance</b>	:	200 M

### Related Products :-

: Universal Transmitter  
Signal Converter  
Universal Converter

## Walnut Innovations

Regd. Office :

10 - University Road, Nr ayad Bridge, Udaipur Rajasthan

Mob.No.:+91 9414830933, +91 9887262067, +91 8233183833

Email: info@walnutinnovations.com Web: www.walnutinnovations.com