

## SIGNEXT™-DT Configurable Signal Conditioner



- 7 input and 6 output ranges
- DIP switch configurable
- 3 port isolation
- plug & socket connectors

This SIGNEXT™ signal conditioner can be configured by the user for a total of 42 different input/output signal combinations. Of course standard ranges of 0-10Vdc and 4-20mA are included but there are also less common ranges such as 0-50mV or 0-1mA


inputs. This one module should meet most, if not all, your analog signal isolation and conversion needs.

Three port isolation is provided to ensure no ground loops are created. DIP switch settings can be changed

while the module is powered. Span and zero calibration potentiometers are accessible on the front of the module.

**Ordering Information:**  
**catalog number            330053**

SPECIFICATIONS

	SigNEXT™ – DT
Input ranges / impedance:	0-50mV / $\geq 200\text{K}\Omega$ 0-1mA / $\leq 1\text{K}\Omega$ 0-5Vdc / $\geq 1\text{M}\Omega$ 0-20mA / $\leq 50\Omega$ 1-5Vdc / $\geq 1\text{M}\Omega$ 4-20mA / $\leq 50\Omega$ 0-10Vdc / $\geq 1\text{M}\Omega$
output ranges / load impedance:	0-5Vdc / $\geq 1\text{K}\Omega$ 0-10mA / 0-1.5K $\Omega$ 1-5Vdc / $\geq 1\text{K}\Omega$ 0-20mA / 0-750 $\Omega$ 0-10Vdc / $\geq 1\text{K}\Omega$ 4-20mA / 0-750 $\Omega$
Supply Voltage:	20-30Vdc
Current:	125mA @ 24Vdc
in-rush:	1.6A for approx. 60ms
Accuracy:	$\pm 0.1\%$
Temp. co-eff:	$\leq 0.015\%/^{\circ}\text{C}$
Output ripple:	$\leq 0.5\%$ peak
Response time:	$\leq 400\text{mS}$
Isolation:	input/ouput 1.8KV for 1 minute in/out-supply 1.8KV for 1 minute
Storage temperature:	-10° to +70°C
Operating temp:	0° to +60°C
Humidity:	90% non-condensing
Dimensions:	22.5 X 99 X 114mm
Weight:	$\approx 170\text{g}$
Approvals:	 LISTED, E256770

