

SIGNEXT™-2DT

Loop Powered Signal Conditioner



- output powered by 4-20mA loop
- 0-10Vac or 4-20mA input, 4-20mA output
- plug and socket connectors

The SIGNEXT™-2DT module is a loop powered signal conditioner available with a 0-10Vdc or 4-20mA input. For other input ranges please consult Emphatec. The input is powered by the field transmitter while the 4-20mA

output is powered by the loop.


The module provides input to output isolation of 1500V to ensure no ground loops are created. Span and zero calibration potentiometers are

accessible on the front of the module.

Ordering information catalog numbers:

4-20mA input	330137
0-10Vdc input	330138

SPECIFICATIONS

SigNEXT™ – 2DT	
input ranges / impedance:	4-20mA / $\leq 50\Omega$ 0-10Vdc / $\geq 1M\Omega$
output range / load impedance:	4-20mA / 0-600 Ω max. @ 24Vdc
supply voltage:	20-30Vdc
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/output 1.5KV for 1 minute
storage temp.:	-10 to +70 $^{\circ}\text{C}$
operating temp.:	0 to +60 $^{\circ}\text{C}$
humidity:	90% non-condensing
dimensions:	22.5 x 99 x 114mm
weight:	$\approx 150\text{g}$
approvals:	 LISTED, E256770

