

# N-TYPE ROTARY TORQUE TRANSDUCER

## DESCRIPTION

The AWS LTD N-type Rotary Torque Transducer range (NRTT), is designed to accurately measure torque values in a rotating shaft, in a variety of industries. With optimised torque ranges, the transducer outputs a mV signal proportional to the supply voltage and torque. The transducer contains a memory chip in which a small selection of parameters, including serial number, model number, and calibration value, are held, compatible for setting some manufacturers display units.

## SPECIFICATIONS

Model: NRTT-	3041	3042	3043	3044	3045
Ranges:	0.4-10Nm	2-50Nm	10-250Nm	20-500Nm	40-1000Nm
Square Drive Size:	1/4"	3/8"	1/2"	3/4"	1"

Accuracy:	Better than 0.1% of reading from 10 to 100% of rated output. See calibration certificate for full results.
Signal Output:	2mV/V
Communications:	2 wire EEPROM instrument set up program.
Bridge Impedance:	350Ω
Max Voltage and Current Requirement:	10V DC 30mA
Power and Display:	Requires DC power supply and Dedicated mV meter
Speed:	Standard 1,000 RPM
Overload capability:	125%
Operating Temperature:	+5°C to +40°C.
Connector:	Mil C 26482 series. 6 pin. Shell size 10.
CE:	2014/30/EU
EMC:	BS EN 61326:2007



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