



RTSX-A

Rotary Torque & Angle Transducer with ARCII technology



Accuracy +/- .25% of full scale.

Ability to measure the rotation angle of a fastener. Joint rate & break-away torque can be measured too.

Angle output: 2-channel quadrature, 360 pulses per rotation.

Bi-directional.

For use with most power tools and rotational measurement applications.

Features "ARCII" technology, an instant auto-recognition system of the RTSX-A connected to the PTT.

Specifications

Output at Rated Capacity:	<= 6 Nm [53 lbf.in] rated torque 1 mV/V > 6 Nm [53 lbf.in] rated torque 2 mV/V
Interchangeability:	Matched for mv/v and shunt calibration +0.3% FS
Nonlinearity:	+0.2% FS
Excitation Recommended:	12V DC or AC RMS
Bridge Resistance:	350 ohms
Usable Temperature Range:	41-122 degrees F
Mating Connector:	Bendix PTO6A-12
Safe Overload:	125% of rated output



Supplied with NIST-Traceable Certification of Calibration



WARNING!
Not recommended for impact wrenches.



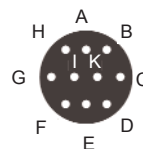
EZ-Plug & Play

RTSX-A Cable

For connecting the RTSX-A to following Torque Analyzers

Cable	Item #	List Price	Code
For the PTT	072000	\$160.00	D

RTSX-A Pin Connection



- A = Bridge Voltage (+)
- B = Bridge Voltage (-)
- C = Measured Signal (+)
- D = Measured Signal (-)
- E = Ground (Angle Voltage)
- F = +5V (Angle Voltage)
- Angle Output**
- G = Channel A (Load)
- H = Channel B (Lag)
- I = N/A
- K = 100% Control (Full Scale)

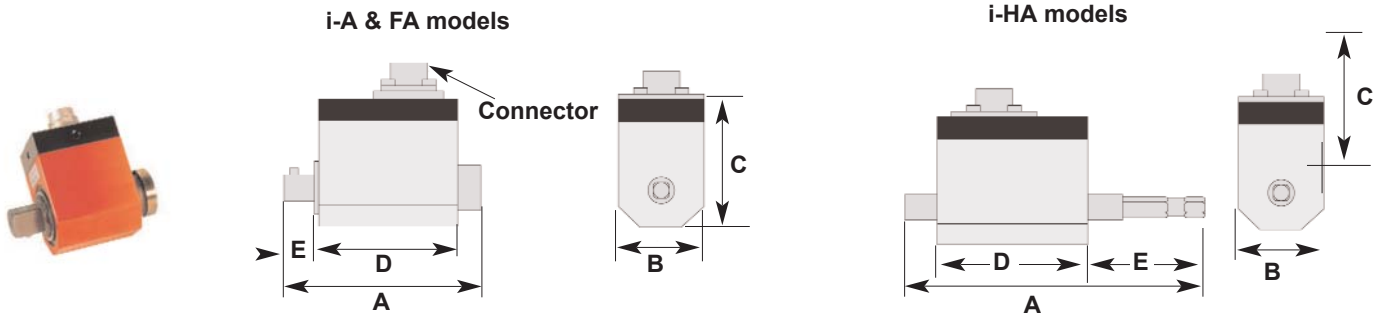
Product



Bulletin

May 2006

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Torque Ranges

Dimensions mm

Model	Item#	American	S.I.	A	B	C	D	E	Input Dr.	Output Dr.	List Price	Code
RTSX10i-HA	170213	1-10 lbf.in	11.3-113 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$3,950.00	C
RTSX10i-A	170214	1-10 lbf.in	11.3-113 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$3,950.00	C
RTSX50i-HA	170215	5-50 lbf.in	56.5-565 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$2,765.00	C
RTSX50i-A	170216	5-50 lbf.in	56.5-565 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$2,675.00	C
RTSX100i-HA	170217	10-100 lbf.in	113-1130 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$2,765.00	C
RTSX100i-A	170218	10-100 lbf.in	113-1130 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$2,675.00	C
RTSX200i-HA	170219	20-200 lbf.in	226-2260 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$2,765.00	C
RTSX200i-A	170220	20-200 lbf.in	226-2260 N.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$2,675.00	C
RTSX50F-A	170221	5-50 lbf.ft	6.8-67.8 N.m	101	38	58	59	21.5	3/8" F/Sq	3/8" M/Sq	\$2,675.00	C
RTSX100F-A	170222	10-100 lbf.ft	13.6-135.6 N.m	106	38	58	59	26	1/2" F/Sq	1/2" M/Sq	\$2,675.00	C
RTSX400F-A	170223	40-400 lbf.ft	54.2-542.4 N.m	135	58	76	64	40	3/4" F/Sq	3/4" M/Sq	\$2,995.00	C
RTSX800F-A	170224	80-800 lbf.ft	108.4-1084 N.m	177	73	90	73	57.5	1" F/Sq	1" M/Sq	\$3,995.00	C