



RTSX

Rotary Torque Transducer with ARCII technology

Accuracy +/- .25% of full scale.

Use with most hand tools, power tools or rotational measurement applications.

Connects between the power tool and the joint. Monitors actual torque being applied from the driver to the fastener.

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

Bi-directional.

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:	10V DC or AC RMS
Bridge Resistance:	350 ohms
Usable Temperature Range:	41-122 degrees F
Mating Connector:	Bendix PTO6A-10-65(SR)
Safe Overload:	125% of rated output



Supplied with NIST-Traceable Certification of Calibration



WARNING!

Not recommended for impact wrenches.



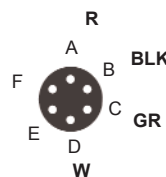
EZ-Plug & Play

RTSX Cable

For connecting the RTSX to following Torque Analyzers

Cable	Item #	List Price	Code
For the PTT	072005	\$120.00	D
For the TorqueLab®	065138	\$120.00	D
For the Wizard:	065138-WD5	\$120.00	D
For the Wizard Plus:	065181	\$295.00	D

RTSX Pin Connection



A = Excitation (+)
 B = Excitation (-)
 C = Output (-)
 D = Output (+)
 E = Shield
 F = 100% control (full scale)

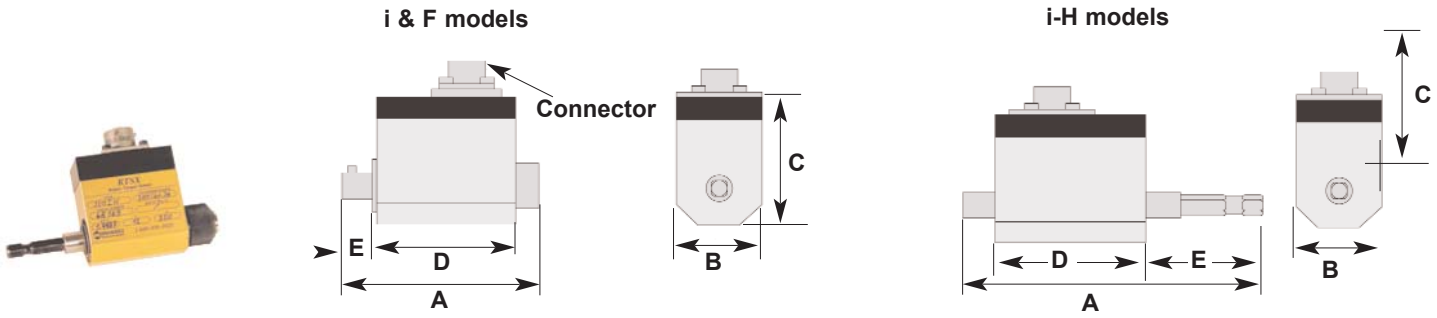
Product



Bulletin

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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-H	170200	1-10 lbf.in	11.3-113 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$3,250.00	C
RTSX10i	170201	1-10 lbf.in	11.3-113 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$3,250.00	C
RTSX50i-H	170202	5-50 lbf.in	56.5-565 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$1,795.00	C
RTSX50i	170203	5-50 lbf.in	56.5-565 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$1,795.00	C
RTSX100i-H	170204	10-100 lbf.in	113-1130 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$1,795.00	C
RTSX100i	170205	10-100 lbf.in	113-1130 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$1,795.00	C
RTSX200i-H	170206	20-200 lbf.in	226-2260 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$1,795.00	C
RTSX200i	170207	20-200 lbf.in	226-2260 cN.m	74.5	38	58	44	18	3/8" F/Sq	3/8" M/Sq	\$1,795.00	C
RTSX50F	170208	5-50 lbf.ft	6.8-67.8 N.m	74.5	38	58	44	18	3/8" F/Sq	3/8" M/Sq	\$1,900.00	C
RTSX100F	170209	10-100 lbf.ft	13.6-135.6 N.m	79	38	58	44	22.5	1/2" F/Sq	1/2" M/Sq	\$1,900.00	C
RTSX400F	170210	40-400 lbf.ft	54.2-542.4 N.m	97	58	76	50	30	3/4" F/Sq	3/4" M/Sq	\$1,900.00	C
RTSX738F	170211	74-738 lbf.ft	100-1000 N.m	112	73	90	57	34.5	1" F/Sq	1" M/Sq	\$2,550.00	C
RTSX1500F	170212	150-1500 lbf.ft	203.3-2033 N.m	165	110	126	87	44	1 1/2" F/Sq	1 1/2" M/Sq	\$2,900.00	C