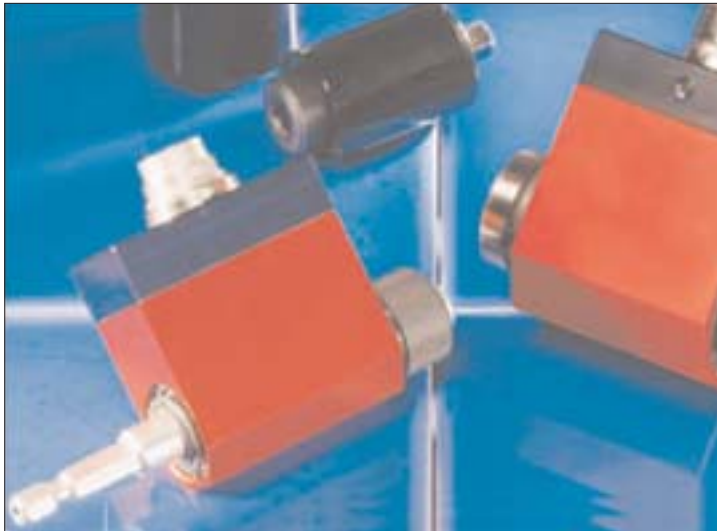




## BLRTSX

### Brushless Rotary Torque Transducer with ARCII technology



Accuracy +/- .2% of full scale.

Non-contact signal transfer and maintenance free.

The common "brush bounce" that plagues the accuracy testing of pulse tools is cured when using a brushless rotary transducer.

Compact design & Bi-directional.

For use with most power tools, pulse tools, high RPM tools or rotational measurement applications.

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

### Specifications

Rated Output:	+/- 5VDC +/-0.2% FS
Excitation Recommended:	11V DC to 26VDC (pole secure)
Nonlinearity:	+0.2% FS
Usable Temperature Range:	41-122 degrees F
Mating Connector:	Tuscel Series 581 (98-2030-09-12)
Safe Overload:	125% of rated output



Supplied with NIST-Traceable Certification of Calibration

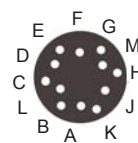


### BLRTSX Cable

For connecting the BLRTSX to following Torque Analyzers

<b>Cable</b>	<b>Item #</b>	<b>List Price</b>	<b>Code</b>
For the PTT	072001	\$160.00	D
For the TorqueLab	065158	\$120.00	D

### BLRTSX Pin Connection



- A = Ground (Shunt Calibration)
- C = Torque Output
- D = Ground (Torque Output)
- E = Ground (Supply)
- F = +12V (Supply)
- K = Shunt Calibration
- M = Shield
- B/G/H/J/L = N/A

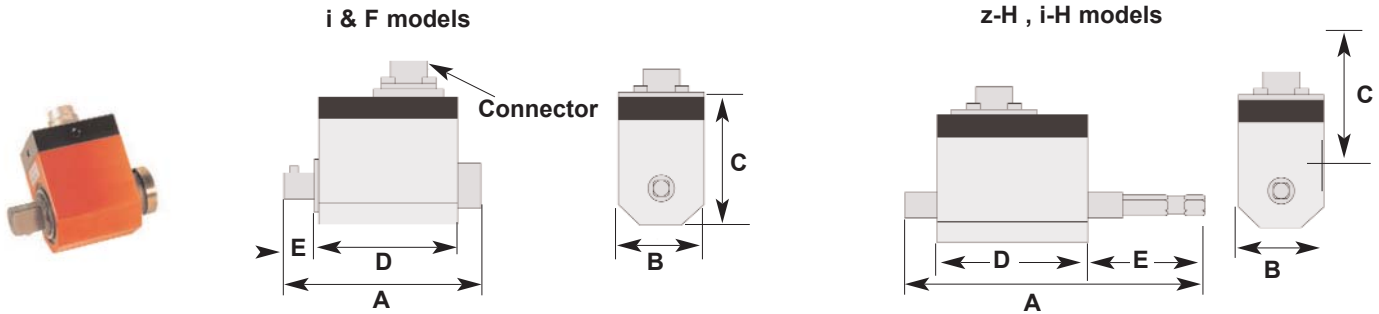
# Product



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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
BLRTSX28z-H	170225	10-28 ozf.in	7-20 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$3,425.00	C
BLRTSX70z-H	170226	10-70 ozf.in	7-49 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$3,100.00	C
BLRTSX140z-H	170227	25-140 ozf.in	18-98.8 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$3,100.00	C
BLRTSX18i-H	170228	2-8 lbf.in	22.5-203 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$2,995.00	C
BLRTSX50i-H	170229	5-50 lbf.in	56.5-565 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$2,995.00	C
BLRTSX50i	170230	5-50 lbf.in	56.5-565 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$2,995.00	C
BLRTSX100i-H	170231	10-100 lbf.in	113-1130 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$2,995.00	C
BLRTSX100i	170232	10-100 lbf.in	113-1130 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$2,995.00	C
BLRTSX160i-H	170233	16-160 lbf.in	180-1807 cN.m	101	28	52	58	28	1/4" M/Hex	1/4" F/Hex	\$2,995.00	C
BLRTSX160i	170234	16-160 lbf.in	180-1807 cN.m	75	28	52	58	8.5	1/4" F/Sq	1/4" M/Sq	\$2,995.00	C
BLRTSX18F	170235	2-18 lbf.ft	2.5-25 N.m	74.5	38	58	44	18	3/8" F/Sq	3/8" M/Sq	\$2,995.00	C
BLRTSX36F	170236	4-36 lbf.ft	5-50 N.m	74.5	38	58	44	18	3/8" F/Sq	3/8" M/Sq	\$2,995.00	C
BLRTSX73F	170237	8-73 lbf.ft	10-100 N.m	79	38	58	44	22.5	1/2" F/Sq	1/2" M/Sq	\$2,995.00	C
BLRTSX118F	170238	12-118 lbf.ft	16-160 N.m	79	38	58	44	22.5	1/2" F/Sq	1/2" M/Sq	\$2,995.00	C
BLRTSX184F	170239	19-184 lbf.ft	25-250 N.m	97	58	76	50	30	3/4" F/Sq	3/4" M/Sq	\$3,425.00	C
BLRTSX368F	170240	37-368 lbf.ft	50-500 N.m	97	58	76	50	30	3/4" F/Sq	3/4" M/Sq	\$3,425.00	C
BLRTSX738F	170241	74-738 lbf.ft	100-1000 N.m	112	73	90	57	34.5	1" F/Sq	1" M/Sq	\$3,425.00	C