

SMX

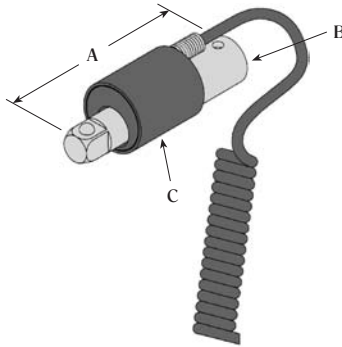
Torque Socket Transducer

Model	Item #	Torque Ranges		
		American	S.I.	Metric
SMX25i	071008	2.5 - 25 lbf.in	28.2 - 282.5 cN.m	2.9 - 28.8 kgf.cm
SMX50i	071009	5 - 50 lbf.in	56.5 - 565 cN.m	5.8 - 57.6 kgf.cm
SMX100i	071000	10 - 100 lbf.in	113 - 1130 cN.m	11.5 - 115 kgf.cm
SMX50F	071003	5 - 50 lbf.ft	6.8 - 67.8 N.m	0.7 - 6.9 kgf.m
SMX200F	071001	20 - 200 lbf.ft	27.1 - 271 N.m	2.8 - 27.6 kgf.m
SMX500F	071002	50 - 500 lbf.ft	67.8 - 678 N.m	6.9 - 69.1 kgf.m

inches

DRIVE SIZE & DIMENSIONS

Model	Square Drive	A	B	C
SMX25i	1/4"	2 (50.8)	.56 (14.2)	1 (25.4)
SMX50i	1/4"	2 (50.8)	.56 (14.2)	1 (25.4)
SMX100i	1/4"	2 (50.8)	.56 (14.2)	1 (25.4)
SMX50F	3/8"	3 (76.2)	.73 (18.5)	1.12 (28.6)
SMX200F	1/2"	3.5 (89)	.98 (24.9)	1.25 (31.8)
SMX500F	3/4"	5 (127)	1.48 (37.6)	2 (50.8)



SPECIFICATIONS

Rated Output: 2 mV/V Nominal

Zero Balance: $\pm 2\%$ of Rated Output

Safe Overload: 125% of Rated Output

Excitation (VDC or VAC): 10 Recommended, 18 Maximum

Bridge Resistance: 1000 Ohms Nominal

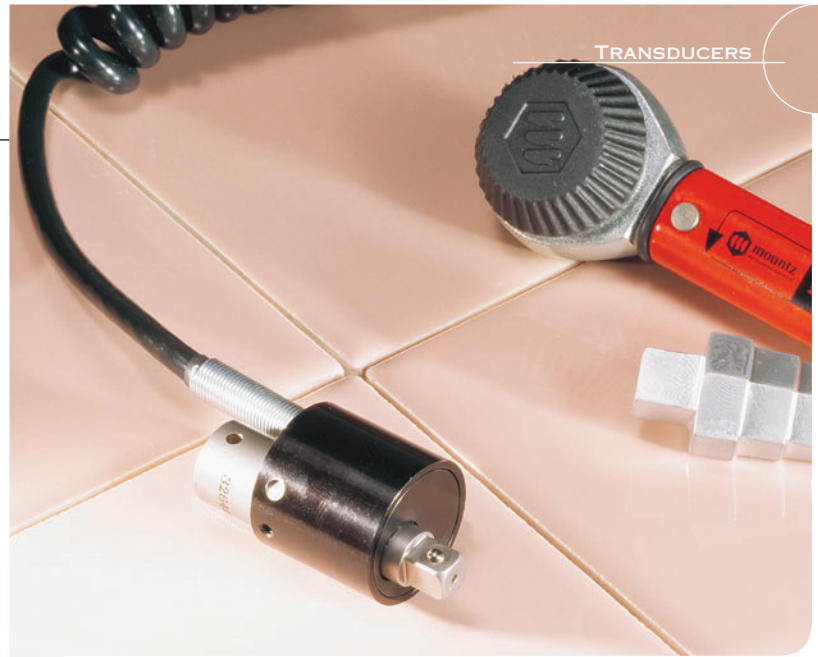
Nonlinearity: $\pm .2\%$ of Rated Output

Operating Temperature: -40 to 180°F (-40 to 82°C)



CERTIFIED

Supplied with NIST-Traceable
Certification of Calibration



KEY FEATURES

Accuracy $\pm .25\%$ of full scale.

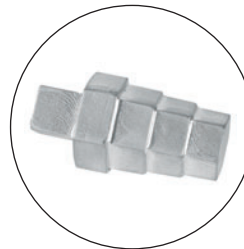
Various models that range 2.5 lbf.in to 500 lbf.ft.

Bi-directional.

Compact and robust housing.

Converts any ratchet wrench into torque sensor.

Ideal for applications with limited space accessibility.



CALIBRATION HEX STEP ADAPTER

Allows multiple size
wrenches to be used
with one adapter.

SEE PAGE 01.20



TITAN TORQUE WRENCH

Connect the SMX to
the square drive of a
wrench and monitor
the torque applied.

SEE PAGE 04.18