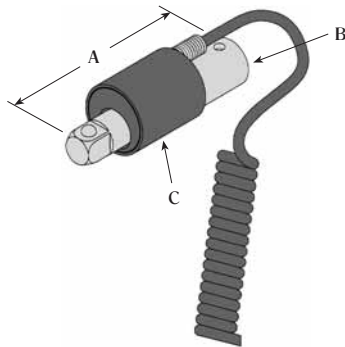


SMX

Torque Socket Transducer with ARCI^{II} Technology

Model	Item #	Torque Ranges		
		American	S.I.	Metric
SMX25i	071020	2.5 - 25 lbf.in	28.2 - 282.5 cN.m	2.9 - 28.8 kgf.cm
SMX50i	071021	5 - 50 lbf.in	56.5 - 565 cN.m	5.8 - 57.6 kgf.cm
SMX100i	071022	10 - 100 lbf.in	113 - 1130 cN.m	11.5 - 115 kgf.cm
SMX50F	071023	5 - 50 lbf.ft	6.8 - 67.8 N.m	0.7 - 6.9 kgf.m
SMX200F	071024	20 - 200 lbf.ft	27.1 - 271 N.m	2.8 - 27.6 kgf.m
SMX500F	071025	50 - 500 lbf.ft	67.8 - 678 N.m	6.9 - 69.1 kgf.m



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: ± 2% of Rated Output
Safe Overload: 125% of Rated Output
Excitation (VDC or VAC): 10 Recommended, 18 Maximum
Bridge Resistance: 1000 Ohms Nominal
Nonlinearity: ± 0.2% of Rated Output
Operating Temperature: -40 to 180°F (-40 to 82°C)



CERTIFIED

Supplied with NIST-Traceable Certification of Calibration



PLUG & PLAY

For Torque Screwdrivers, Torque Wrenches & Electric Screwdrivers, ask for our "Assembly Tools" catalog.



Transducers

KEY FEATURES

- Accuracy ± 0.25% 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.
- Features "ARCI^{II}" technology, an instant auto-recognition system of the SMX connected to the PTT & LTT.



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.