

Model RT12F Series Flange Mount Rotary Transformer Torque Transducer

Why the Interface model RT12F Flange Mount Rotary Transformer Torque Transducer is the best in class:

- Capacities from 113 Nm to 452K Nm (1b-in)
- 2X overload rating
- Performance to 0.1%
- Bidirectional operation including stall
- Ferrite-free rotary transformer coupling
- Unexcelled immunity to machinery magnetic fields
- 15-5 PH stainless shaft, splashproof & corrosion resistant
- mV/V output compatible with carrier amplifiers



OPTIONS*

- Enhanced Performance
- Shaft Style Mount
- Standard & Zero Velocity Speed Pickups
- Noise Hardening
- On-Board Signal Conditioning – ± 5 or ± 10 VDC

ACCESSORIES*

- Interconnect Cables
- Digital Readout (9850)

*Please call for additional information

DIMENSIONS (inch)

See Drawing	CAPACITY (lb-in)					
	1K-4K	6K-18K	24K-96K	200K-375K	750K-1M	3M-4M
(1)	4.25 \pm 0.001 (1)	4.25 \pm 0.001 (1)	8 (2)	12 (3)	23 (3)	30 (3)
(2)	5 3/16	15 15/16	8	15 1/4	31	37
(3)	2 19/32	2 31/32	4 1/32	8 13/16	15 1/2	18 1/2
(4)	1 3/32	1 15/32	1 7/16	5 5/8	7 1/8	9 1/8
(5)	2 27/32	2 27/32	4 1/16	5 5/32	7 7/8	9 1/2
(6)	8	8	8	16	32	32
(7)	3/8-24UNF-2B	3/8-24UNF-2B	0.377+0.002/-0.0	0.630+0.002/-0.0	0.755+0.002/-0.0	1.005+0.002/-0.0
(8)	3.63	3.63	7.25	10.36	20.63	27
(9)	90°	90°	0°	0°	0°	0°

- (1) (Flange faces are pilotless)
- (2) (Flange faces have male & female pilots)
- (3) (Flange faces have female pilots)