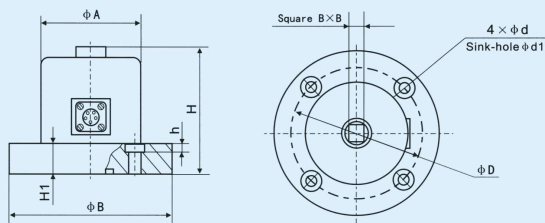


Model 1915/1995 Torque transducers



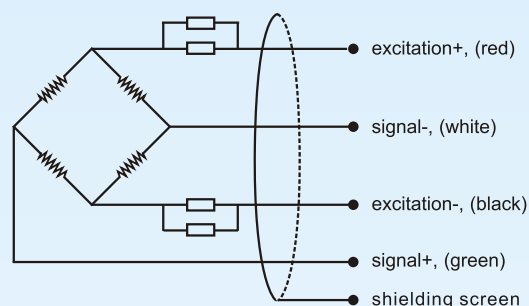
type: torque transducer
material: alloy steel (1915) / stainless steel (1995)
surface: nickel plated treatment (1915 only)
protection: IP 65
application: torque wrench and torsion measurement of shaft

Dimensions:



Capacity	Size(mm)	φ A	φ B	H	H1	h	φ D	φ d	φ d1	B
100I, 250I,		43.18	69.85	52.58	12.7	6.4	55.2	6.75	11.1	6.45
500I, 750I, 50F,		43.18	69.85	50.34	10.16	6.4	55.25	6.5	10.7	9.63
100F, 250F,		57.15	101.6	64.77	15.24	10.5	76.2	10.5	16.66	12.8
500F,		57.15	101.6	71.12	15.24	10.5	76.2	10.5	16.66	19.16
1000F,		60.45	101.6	95.25	15.24	9.65	76.2	10.5	15.88	25.54
2500F, 5000F		98.3	152.4	118.11	19.05	12.7	120.65	13.5	20.65	38.27

Electrical connection:



Specifications:

capacity	I = Lb.in, F = Lb.ft	100I, 250I, 500I, 750I, 50F, 100F, 250F, 500F, 1000F, 2500F, 5000F
rated output	mV/V	2.0 ± 0.2
accuracy	%FSO	±0.2 ~ ±0.3
zero unbalance	%FSO	±1.0
non-linearity	%FSO	±0.2 ~ ±0.3
hysteresis	%FSO	±0.2 ~ ±0.3
repeatability	%FSO	±0.2 ~ ±0.3
temperature coefficient of ZERO	%FSO/10°C	0.2 ~ 0.3
temperature coefficient of SPAN	%FSO/10°C	0.2 ~ 0.3
input resistance	Ω	400 ± 30
output resistance	Ω	350 ± 10
insulation resistance	MΩ	≥ 1000@50 VDC
excitation recommended	V	12 DC/AC
maximum excitation	V	15 DC/AC
compensated temperature range	°C	-10 ~ +40
operating temperature range	°C	-20 ~ +65
safe overload	%FS	120
ultimate overload	%FS	150
cable length	m, shielded PVC cable	1 (Φ5 mm 4-wire)

The listed specifications are subject to change without prior notice.

How to order: model - capacity - output - accuracy - IP rating - cable length - customer specific requests
ordering code example: 1915 - 500F - 2mV/V - 0.2%fso - IP 65 -1m - no specific requests

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