



得豐實業有限公司
Dfwisdom Industrial CO., LTD

T 型扭力感測器 Statically torque sensor

本扭力感測器係專為扭力量測所設計，中心具對心凸圓，使對心精確，感測結構並以密封方式保護，以達到最高之量測準確度，具以下之特點：

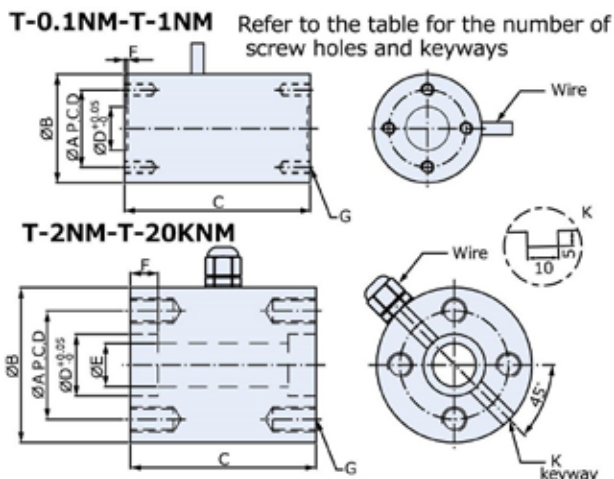
The sensor is a design for measuring static torque, and in the center has symmetrical circle that can let measure more exactly. Moreover, the sensor structure is sealed up for the highest accuracy.

● 特點 Features

雙向 Bi - Directional 溫度補償 Thermally compensated
高精度 High accuracy 密封保護 Moisture proof
T - 0.1, 0.2, 5, 0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500,
1k, 2k, 3k, 5k, 10k, 15k, 20k Nm



● 安裝尺寸 Installation Dimensions



TYPE	A	B	C	D	E	F	G	K	
T-0.1 Nm	25	35	60	14	X	1	(8)M4x0.7 x9 deep	X	
T-0.2 Nm									
T-0.5 Nm									
T-1 Nm									
T-2 Nm	35	50	60	20	X	4	(8)M8x1.25 x14 deep	X	
T-5 Nm					10				9
T-10 Nm									
T-20 Nm				X	20	X			
T-50 Nm									
T-100 Nm									
T-200 Nm				60	75	90			40
T-500 Nm									
T-1k Nm									
T-2k Nm	90	112	110	X	74	X	(16)M12x1.75 x25 deep	(8)10x5	
T-3k Nm									
T-5k Nm									
T-10k Nm	90	118	110	X	74	X	(16)M12x1.75 x25 deep	(8)10x5	
T-15k Nm									
T-20k Nm									

● 規格 Specification

額定輸出 Rated Output	2.0mV / V(T- 0.1 ~ T- 1 : 1.0mV / V)
總和誤差 Total Error	±0.03%R.O.
重現性 Repeatability	±0.2%R.O.
潛變 Creep	0.1% / 20min
輸入阻抗 Input Resistance	430 or 405 ± 25 Ω
輸出阻抗 Output Resistance	350 ± 5 Ω
最大輸入電源 Max. Excitation Voltage	20V
建議輸入電源 Recommended Excitation Voltage	10V
溫度補償範圍 Compensated Temp. Range	-10°C ~ 50°C
使用範圍 Safe Temp. Range	-20°C ~ 70°C
溫度對零點之影響 Temp. Effect on Zero Balance	0.05%R.O. / 10°C
溫度對額定輸出之影響 Temp. Effect on Rated Output	0.03% Load / 10°C
零點誤差 Zero Balance	±3%R.O.
容許負荷 Safe Over Load Rating	150%
導線長度 Cable Length	3m
接線方式 Cable Connection	Input : Red (+) Exci : Black (-) Exci Output : Green (+) Sign White (-) Sign