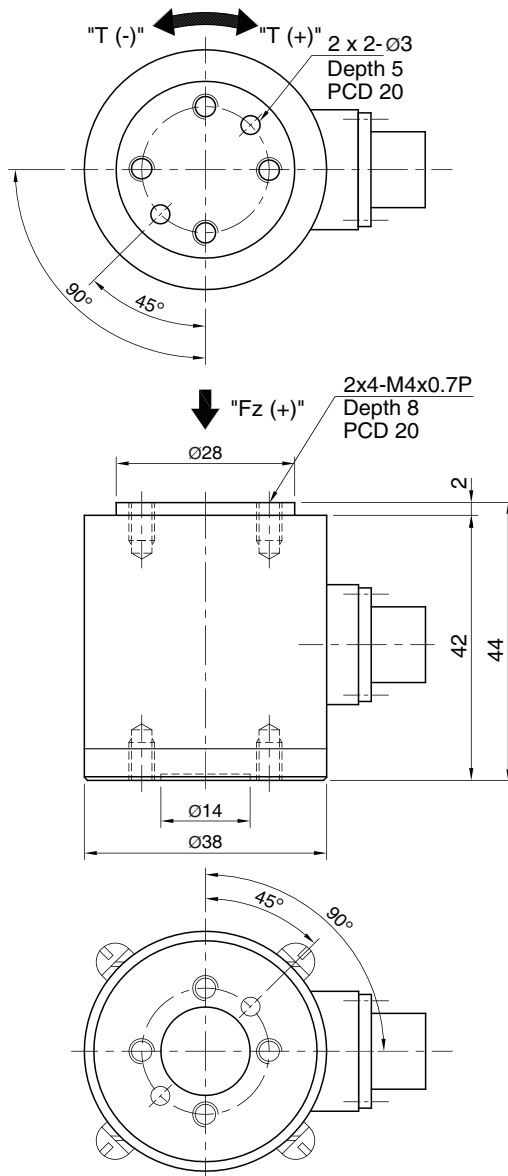


Model M2TB Series

Joint Torque Sensor
5N-m ~ 100N-m

- Two-direction force structure
- One direction force and torque structure
- Aluminum alloy element



SPECIFICATIONS

MODEL	M2TB	
Axis	Fz	Mz
Rated capacity (R.C.)	100, 200, 500kg	5, 10, 50, 100N-m
Rated output(R.O. Nominal)	1.0mV/V	1.5mV/V
Non-linearity	≤1% R.O.	
Hysteresis	≤1% R.O.	
Non-repeatability	≤0.5% R.O.	
Zero balance	≤5% R.O.	
Compensated temperature range	-10 ~ 70°C	
Operating temperature range	-20 ~ 80°C	
Temp. effect on rated output	≤0.1% LOAD/10°C	
Temp. effect on zero balance	≤0.05% R.O./10°C	
Terminal input resistance	420 Ohms ± 50 Ohms	
Terminal output resistance	350 Ohms ± 5 Ohms	
Insulation resistance (Min.)	2000 MOhms at 50V DC	
Excitation voltage	3~12V(Recommended), 15V(Max.)	
Electrical connection	8Pin Connector	
Safe overload	150% R.C	
Ultimate overload	300% R.C	
Material	Aluminum alloy	

Tajimi Connector : PRC05-RB8M(8Pins)
: PRC05-P8F(8Pins)

ORDERING INFORMATION

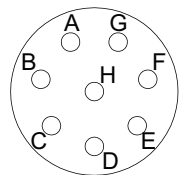
M2TB - 200 - 50

MODEL	CAPACITY
B2TB	100kg - 5, 10 N-m
	200kg - 50 N-m
	500kg - 100 N-m

WIRING INFORMATION

Fz
PIN A : EXC +
PIN B : EXC -
PIN C : SIG +
PIN D : SIG -

Mz
PIN E : EXC +
PIN F : EXC -
PIN G : SIG +
PIN H : SIG -



* Specifications are subject to change without notice

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