

# TSX MAG Encoder, 2560 CPT

Integrated into the motor with an axial cable outlet

**NEW**

ENX

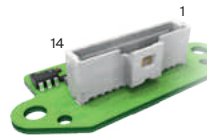


Key data	TSX MAG incremental, commutation signal	
Number of channels	2	
Max. counts per turn	2560	
Number of pole pairs	10	
Encoder length L	mm	8.55
Ambient temperature	°C	-40 ... +105
Weight	g	17.8

Selection criteria	TSX MAG incremental, commutation signal	
Speed and rotation direction detection	■	
Speed and position control	■	
Compact and robust design	■	
High resolution	▲	
Cost effective	■	

■ suitable ▲ suitable to a limited extent ● not suitable

Specifications	TSX MAG incremental, commutation signal	
Supply voltage $V_{cc}$	V	$5V \pm 0.5$
Typical current draw	mA	16.1
Max. operating frequency	kHz	500
Max. Speed	rpm	10000
Plug manufacturer Molex	Pin 1	NTC-
Plug part no. 501331-1407	Pin 2	NTC+
	Pin 3	N.C.
	Pin 4	H3
	Pin 5	H2
	Pin 6	H1
	Pin 7	Not connect
	Pin 8	Not connect
	Pin 9	B
	Pin 10	B/
	Pin 11	A
	Pin 12	A/
	Pin 13	GND
	Pin 14	$V_{cc}$



## Configuration TSX MAG commutation signal

modular system	Page	Dimensions of standard configuration	1:2	Additional information
<b>EC frameless</b>				
DT 50 S	341	<p>Details Masse siehe Montageanweisung</p> <p>Details dimensions see assembling manual</p>		H1 is calibrated to commutation angle zero, in accordance with page 62.
DT 50 M	342		Rotor and stator are paired by maxon	
				Ordering information: For motors that cannot be ordered online use part number <b>732076</b> when ordering.

xdrives.maxongroup.com

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Key data	TSX MAG incremental, commutation signal	
Number of channels	2	
Max. counts per turn	2560	
Number of pole pairs	10	
Encoder length L	mm	7.65
Ambient temperature	°C	-40 ... +105
Weight	g	17.8

Selection criteria	TSX MAG incremental, commutation signal	
Speed and rotation direction detection	■	
Speed and position control	■	
Compact and robust design	■	
High resolution	▲	
Cost effective	■	

■ suitable ▲ suitable to a limited extent ● not suitable

Specifications	TSX MAG incremental, commutation signal	
Supply voltage $V_{cc}$	V	$5V \pm 0.5$
Typical current draw	mA	16.1
Max. operating frequency	kHz	500
Max. Speed	rpm	10 000
Plug manufacturer JST	Pin 1	$V_{cc}$
Plug part no. SM14B-NSHSS-TB	Pin 2	GND
	Pin 3	A/
	Pin 4	A
	Pin 5	B/
	Pin 6	B
	Pin 7	Not connect
	Pin 8	Not connect
	Pin 9	H1
	Pin 10	H2
	Pin 11	H3
	Pin 12	N.C.
	Pin 13	NTC+
	Pin 14	NTC-



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