

MODEL 25T/H - INCREMENTAL ENCODER



Ø2.5"

FEATURES

2.5" Opto-ASIC Encoder with a Low Profile (2.0")
Standard Bore Sizes Ranging from 0.625" to 1.125"
Metric Bore Sizes Ranging from 6 mm to 28 mm
Single Replacement Solution for 2.0" to 3.5" Encoders
Resolutions to 10,000 CPR; Frequencies to 1 MHz
Versatile Flexible Mounting Options
RoHS Compliant

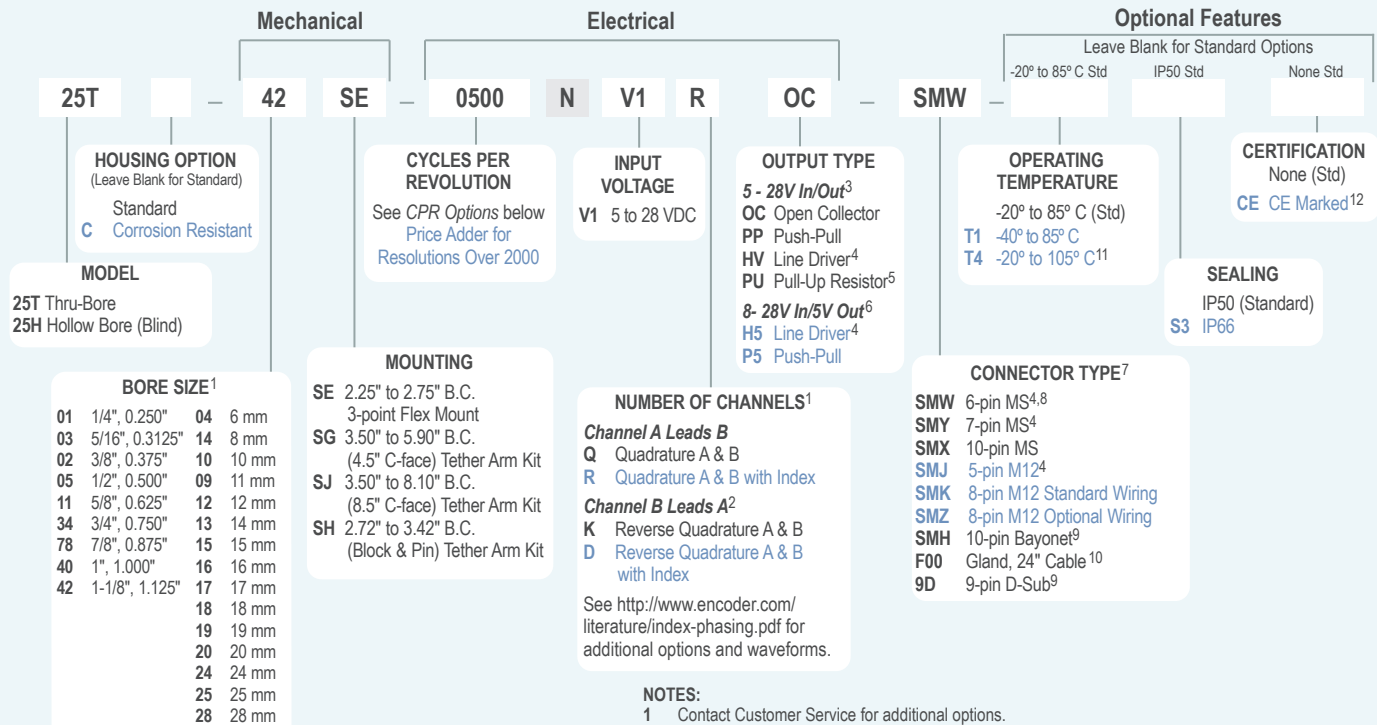
Representing the next generation of high performance encoders, the Model 25T Accu-Coder™ features the largest thru-bore available in a 2.5" encoder, able to mount directly on shafts as large as 1.125" (28 mm). With resolutions up to 10,000 CPR and frequencies up to 1MHz, this industrial strength encoder is perfect for fast revving motors. The 25T features the next generation of EPC's proprietary Opto-ASIC sensor, which provides superior accuracy and precision counts. The injection molded housing, made from EPC's custom blend of nylon composites, is grooved with "cooling fins" and can tolerate the extreme heat of the motion-control industry. With sealing available up to IP66 and many new rugged flexible mounting options, the Model 25T can perform in demanding industrial environments.

COMMON APPLICATIONS

Motor-Mounted Feedback and Vector Control, Specialty Machines, Robotics, Web Process Control, Paper and Printing, High Power Motors

MODEL 25T/H ORDERING GUIDE

Blue type indicates price adder options. Not all configuration combinations may be available. Contact Customer Service for details.



MODEL 25T/H CPR OPTIONS

0001	0002	0003	0005	0008	0010	0011	0012
0024	0025	0030	0032	0050	0060	0064	0070
0080	0100	0105	0115	0120	0125	0150	0180
0192	0200	0240	0250	0256	0300	0336	0360
0500	0512	0600	0625	1000	1024	1200	1250
1800	2000	2048	2400	2500	3600	4096	5000
7200	8192	10,000					

Contact Customer Service for other disk resolutions.

NOTES:

- Contact Customer Service for additional options.
 - Reverse Quadrature not available with PU output type.
 - 24 VDC max for T4 temperature option.
 - Line Driver not available with 5-pin M12 or 6-pin MS style connectors. Available with 7-pin MS style connector without index Z.
 - With Input Voltage above 16 VDC, operating temperature is limited to 85° C max.
 - Standard operating temperature only.
- encoder.com.
- Not available with CE option.
 - Not available with corrosion resistant option.
 - For non-standard English cable lengths, enter 'F' plus cable length expressed in feet. Example: F06 = 6 feet of cable.
 - Contact Customer Service for availability on resolutions < 360 CPR.

**CE Option: Use cable cord set with shield connected to M12 connector coupling nut.