

## TB-101: EPC Part Number Description

EPC is often asked, “Why are your part numbers so long?” The answer is that EPC’s encoders are custom-built sensing devices with many features and options. These features and options must be called out by the customer so the encoder works properly in its intended application, and so it can do its job correctly.

Each particular feature and option must be called out in the part number, and the only way this can be accomplished is by a rather lengthy part number. For example, below is an example of a part number, and how it breaks down:

### Part Number: 755A-01-S-0250-R-HV-1-S-S-N



*EPC part number label*

755A	basic model style, 1.5" diameter
01	bore style of .25" diameter blind hollow shaft
S	the specified temperature, standard 0 to 70 degrees C
0250	cycles per revolution (CPR) of the unit
R	number of output channels - A,B, & Z in this case
HV	output type is high voltage differential line driver which will operate over the range of 5 to 28 volts supply voltage
1	standard operating frequency response of 100 kHz
S	standard type of servo mounting
S	standard cable length, which is 18 inches
N	CE certification is not required on this unit. (Read more about CE Certification in <b>Technical Bulletin TB-100: When to Choose the CE Mark.</b> )

Another frequently asked question is: “The last time I ordered an Accu-Coder™ and the part number was 755A-01-0250-LD, and now the part number is much longer. Am I still getting the correct part?” Rest assured, even with the longer system, we can convert the old part number and ensure you are receiving the correct encoder.

Encoder Products Company is always enhancing and upgrading its entire product line. Older part numbers are often shorter because of the lower number of options and features available. To include the new options and features that have been added since the product was first developed, it became necessary to lengthen our part number to be able to include them.

If you have additional questions please contact EPC Customer Service at 800-366-5412 or email [sales@encoderproducts.com](mailto:sales@encoderproducts.com).