

PRODUCT CHANGE NOTIFICATION

PCN-POS-210401

This Product Change Notification serves to inform the Purchaser and Consumer of certain design and or specification changes, described herein, that Sensata will make to its line of Incremental Encoder model numbers indicated in the attachment and in accordance with the described time line.

Issue Date: April 1st, 2021

Effective Date: June 1st, 2021

Subject:

New GEN2 Generation of Standard H20 and HS20 Incremental Encoders families with improved protections and performances.

Scope:

We are going to improve some protections and performances keeping it transparent for the purchaser and for the final user and then no changes is done to the actual ordering part number, dimension, physical aspect, etc. The only visible difference is the label: in order to differentiate and recognize the models of the new generation we are going to mark these with the GEN2 label.

Description of Changes:

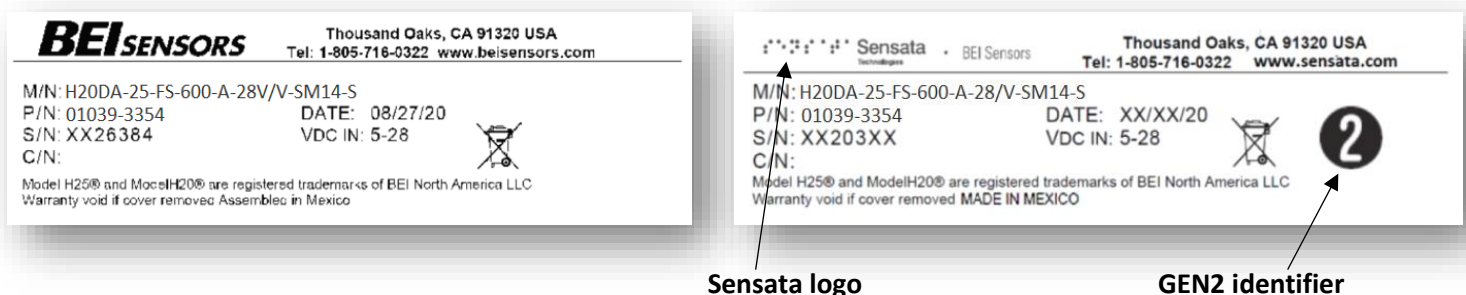
We are using the most updated technologies in order to have improved protections and performances. All the changes are only internal, these are the improvements versus previous generation:

- Reverse voltage protection
- Overvoltage protection
- Short circuit protection
- Output data diode protection (except units with open collector driver)
- Increased frequency response
- Increased line driver max current by 50%
- Better noise immunity
- Standard operating temperature range increased to -40°C to +85°C

Degree of electrical protection of previous generation varies by model.

Standard operating temperature of previous generation is 0°C to +70°C with extension to -20°C to +85°C.

Here is how you can recognize the new GEN2 model from the previous one looking to the label:



Applicability:

Design/Specification changes described herein apply only to specific models produced as of the effectivity date indicated in the PCN.

The transition to the new generation will be done gradually; this mean that, although the first GEN2 models / configurations will be shipped starting on the effective date indicated in the PCN, there will be other models / configurations that could take some time before to be shipped in the new GEN2 version.

Products/Models this PCN applies to:

This notification applies to standard products belonging to the following product families:

- **H20** Incremental Encoder -> All the configurations except the special options (recognizable with “-S” at the end of the part number)
- **HS20** Incremental Encoder -> All the configurations except the special options (recognizable with “-S” at the end of the part number)

Last Time Buy Date:

N/A. The modification is effective on June 1st, 2021.

Last Ship Date:

N/A. The modification is effective on June 1st, 2021.

Stock Returns:

Standard annual stock rotation and warranty provisions per contract apply. There is no need to return stock.



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