

# END OF LIFE NOTIFICATION

EOL-POS-210201

*This End of Life Notification serves to inform the Purchaser and Consumer of the discontinued availability of the Sensata part numbers listed herein in accordance with the described time line*

**Issue Date:** February 1<sup>st</sup> 2021

**Effective Date:** July 1<sup>st</sup> 2021

**Subject:**

**End of Life notification of the HS22 family of Incremental Encoders**

**Scope:**

Production of the HS22 Series of Incremental Encoder will be discontinued. The HS22 Series will be replaced by the fully compatible DHO5/KHO5 Series.

**Products/Models this EOL applies to:**

All the model numbers initiating with HS22

**Last Time Buy Date:**

June 30<sup>th</sup> 2021. These items have been granted a 5 months last time buy period. The products will become obsolete on July 1<sup>st</sup> 2021.

**Last Ship Date:**

August 31<sup>st</sup> 2021.

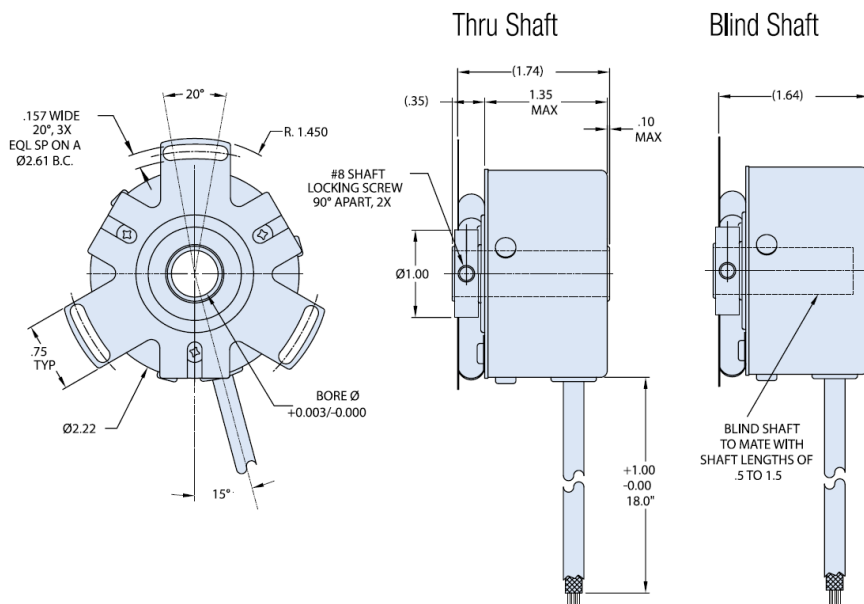
### Alternative Products/Models:

The HS22 Series is being replaced by the DHO5 (incremental outputs only) and KHO5 (incremental outputs with commutation) Series. The DHO5/KHO5 series have improved performance compared to the HS22 series, have been on the market for many years and are high runner products. The DHO5/KHO5 have comparable features, form, fit, dimensions, pin layout and specifications; the tethering is the same as well as the overall length.

Here the few differences:

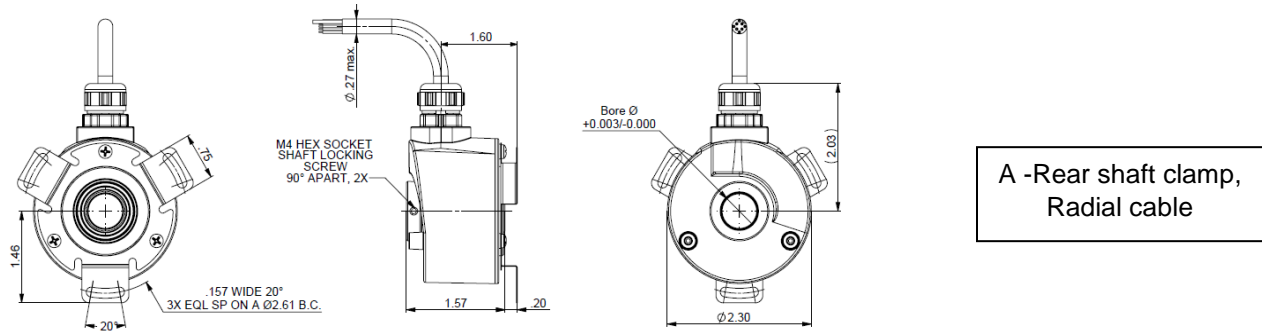
- Improved sealing from IP50 to IP65
- Cable lead is not canted 15°
- Allowable shaft penetration = 22mm (0.87")
- OD changes from 2.22" to 2.28"
- Shaft locking screw changes from #8 to M4
- Enclosure is slightly different; a comparison between the dimensions of the two Series is shown below
- Special features of legacy HS22 are incorporated into replacement product

### HS22 Series

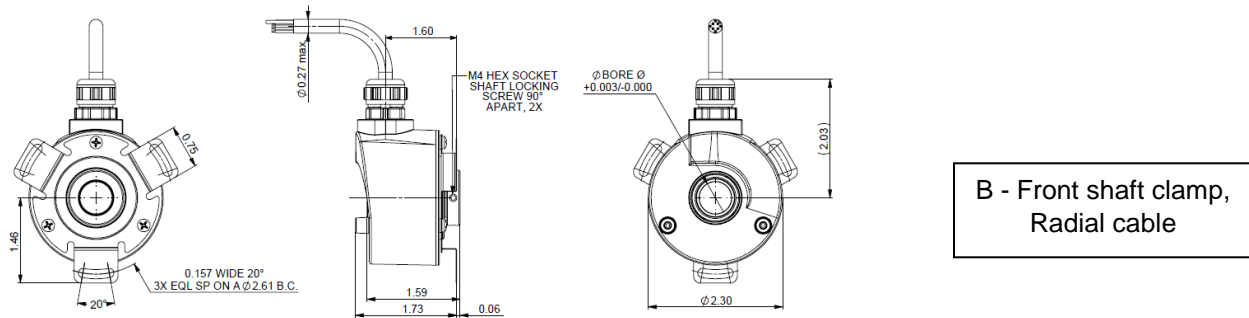


## DHO5/KHO5 Series

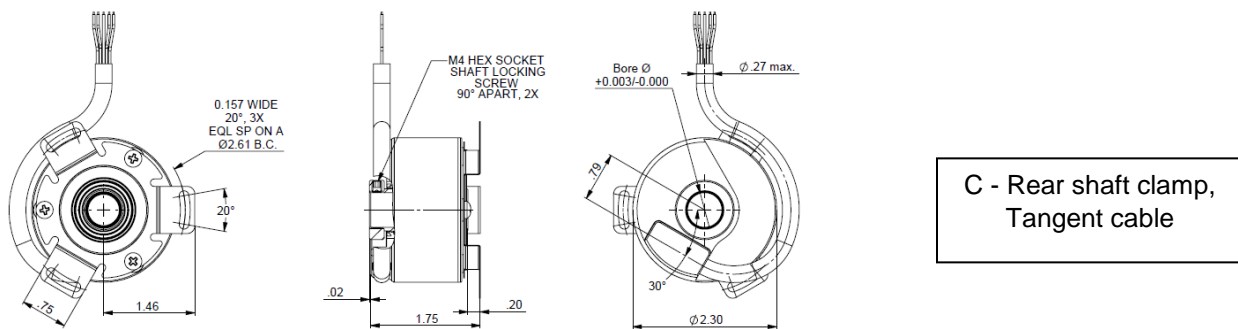
Drawings below show the 4 main types of package available; those are for illustration purpose only, contact Sensata customer service for more details.



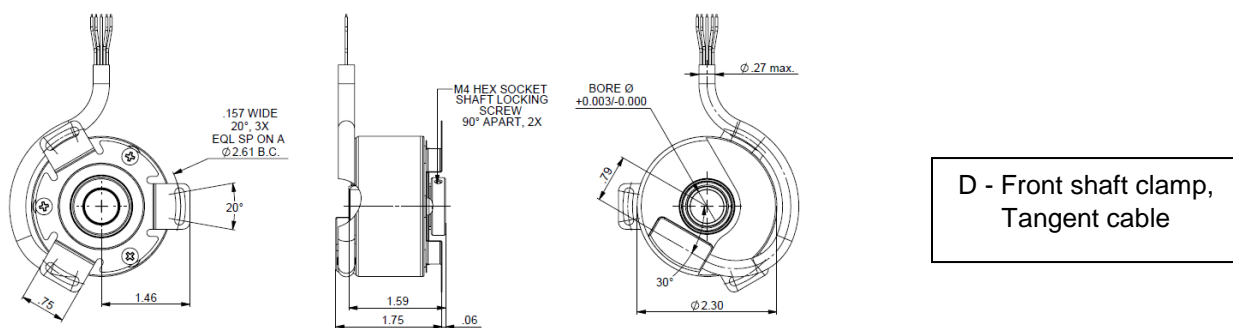
A -Rear shaft clamp,  
Radial cable



B - Front shaft clamp,  
Radial cable



C - Rear shaft clamp,  
Tangent cable



D - Front shaft clamp,  
Tangent cable

Specific part numbers to be obsoleted are shown below, including direct replacement part numbers:

Model Number	Part Nr.	New Model number	New Part Nr.
HS22F-37-R1-TS-1800-ABZ-5V/V-SC4-PR10-S	01084-071	DHO5SE3//2G22//01800//G3R001/00/D0D9H9	DHO5E3-1800S001
HS22F-50-R1-TS-1024-ABC-5V/V-SC6-S	01084-055	DHO5SE4//2G27//01024//E1RC15//D070H8	DHO5E4-1024S001
HS22F-50-R1-TS-2500/C2-ABZC-5V/V-SC6-M20-S	01084-003	KHO5SE4//2G2L//02500K2//KNDC15/00/D0D9H6	KHO5E4-2500S001
HS22F-50-R1-TS-5000-T2-ABZC-28V/V-SC36-S	01084-067	DHO5SE4//RG59//05000//00R010//D0DSH7	DHO5E4-5000S001
HS22F-37-R1-BS-5000-T2-ABZC-28V/V-SC18-S	01084-102	DHO5SE3//OM/RG5N//05000//E1R005//D0D9**	DHO5E3-5000S001
HS22F-39-R1-TS-1024-ABZ-28V/V-SC18	01084-089	DHO5S10//RG52//01024//E1R005//D0D9HA	DHO510-1024S012
HS22F-50-R1-TS-2500-AB-28V/V-SC10	01084-050	DHO5_E4//RG51//02500//E1R003//D0D9**	DHO5E4-2500-001

For any other HS22 model numbers not listed in the table above please contact Sensata customer service.

Sensata values your business and we regret any inconvenience this may cause.

We remain at your disposal for any support you should need.



**Alessandro Bosio**

Position Product Manager (Industrial)

Sensata Technologies