PRODUCT BULLETIN

SECOP

New Electronic Unit for Secop BD1.4F- VSD Compressors	The present generation of electronic units for our BD1.4F-VSD compressors is for the main part based on ST7 microcontroller technology. Due to end of life of this ST7 microcontroller, Secop has developed a new electronic unit (101N2130) based on STM32 microcontroller technology.	
Improvements	 The key improvements of the new electronic units are: New yet trusted 32-bit Arm®Cortex®-M0 microcontroller platform. Full technology upgrade using latest generation components with long term availability. Enhanced electromagnetic interference (EMI) performance. New, stable, and powerful fan output, now refer ring to battery minus, to support a wide range of fans. The new electronic units will have a similar housing, (figure) Fit and function is backwards compatible. 	Fig
Timing and Availability of 101N2100	The production changeover of the electronic units will be in October 2021. From this time on the old 101N2100 electronic unit will no longer be available.	
Timing of Change	Please reserve time for your internal and external testing on all your products currently using the 101N2100 electronic unit. Samples for internal and external tests are now available. Please let us know in advance which approval agencies you will use and which approvals you will apply for.	
Code Numbers	The electronic units replace their predecessors as	

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The electronic units replace their predecessors as follows:

New code number	Old code number
101N2130	101N2100

Table The current and new versions

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