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Reset Error Checksum

The system runs an integrity control of retentive variables by the application of a CRC to the nonvolatile data memory. This detects any corruption and prevents the application from starting up, signalling the situation by flashing the led  **err** as shown in [Err led signals](#).

For the application to function again, a new download of the application must be performed with the development environment, or the „Reset Error Checksum“ system function. These operations delete the error status and **zero-sets all retentive variables**.

The procedure:

- Check the error status and end the function if no error is present.
In microQMove products, the presence of the QCL application is also checked.
- Vengono azzerati i dati ritentivi e viene visualizzato il messaggio **“Clear power down data...”** fino al termine della procedura.
- Resets the retentive data and the message **“Clear power down data...”** until the end of the procedure.
- End of operation

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