

## ➤ Product Main Functions

The Fisker VCM is a combination of multiple subsystems in one housing:

- **Body Control Module (BCM) - 79 Inputs** (40 - Digital, 16 - Analog, 23 - Spare Inputs), **84 – Outputs**. This function controls interior and exterior lighting and door locks.
- **Gateway** – CAN-C, CAN-B, GMLAN, J1850, 7 - LIN
- **Immobilizer**: This provides a limp home backup function for engine start authorization in case the passive engine start system is non functional. It operates at 125kHz.
- **Parking Aid**: controls 8 exterior sensors utilizing sound to warn driver.
- **Passive Start (PS)**: This function authorizes engine start by wireless communication with the fob at 125kHz (car to fob)/434MHz RF (fob to car).
- **Remote Keyless Entry (RKE)**: this is traditional RKE function operating at 434MHZ
- **RF Receiver**: 434MHz RF receiver for receiving RKE, TPMS, and Passive start messages.