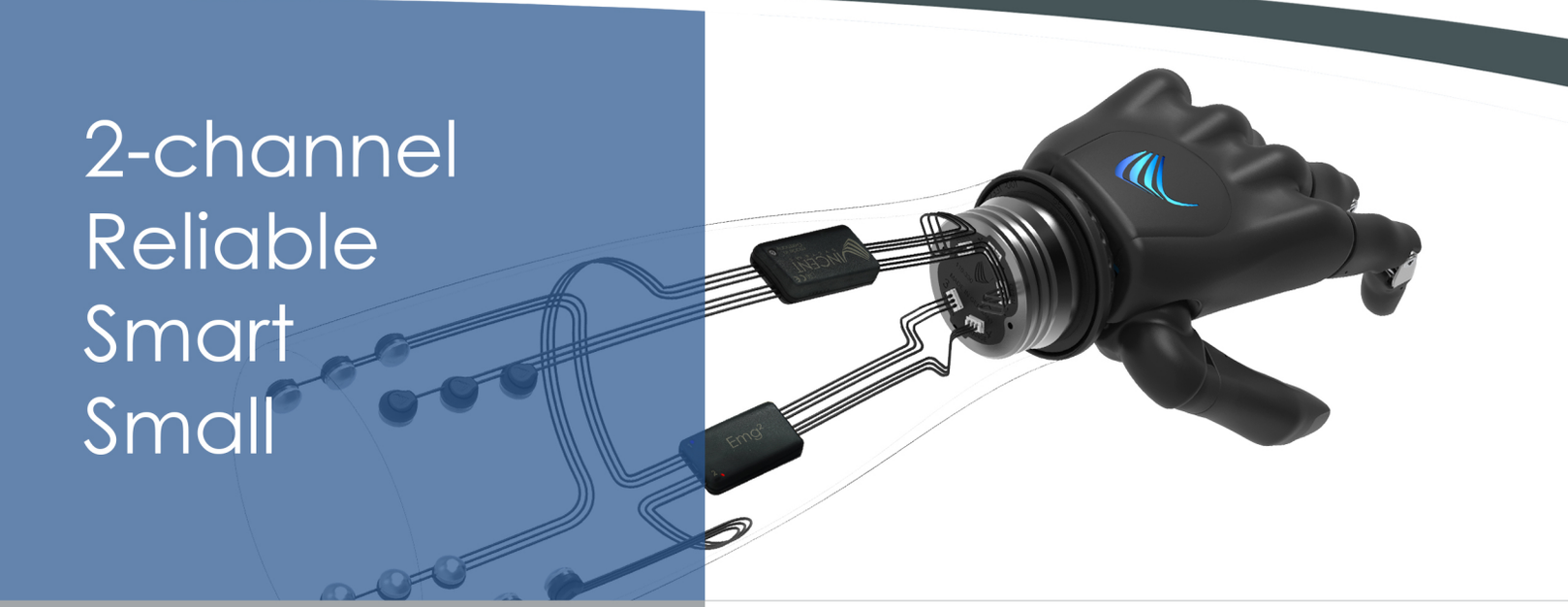
VINCENTemg2

2-channel Reliable Smart Small

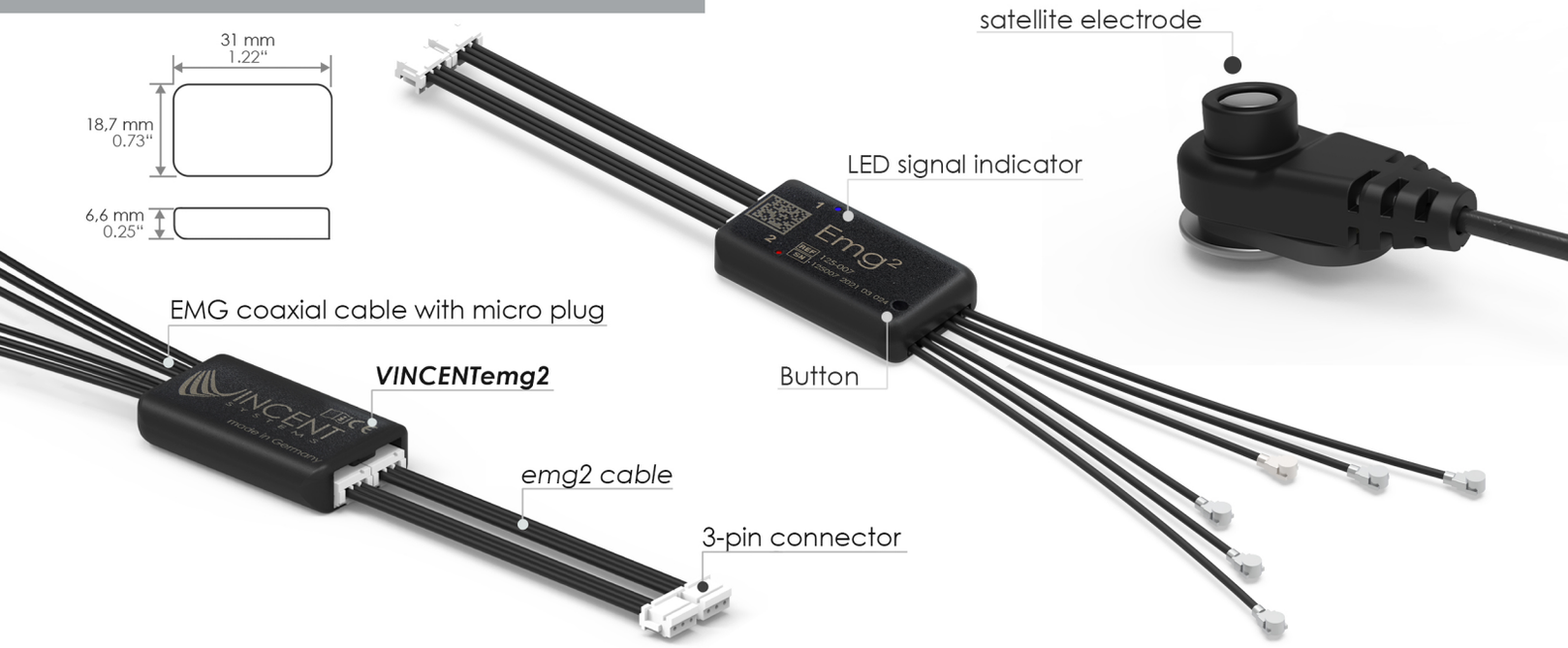


The VINCENTemg2 is currently the smallest digital surface electrode for measuring muscle action potentials for the control of myoelectric prostheses, with two channels.

The electrode lies freely in the shaft. In the 2-channel version VINCENTemg2, the electrodes are connected to the circuit board in the electrode housing by using an EMG coaxial cable. The connection from the EMG sensor to the prosthesis is made via two emg2 cables with 3-pin connectors at both ends. Two units consisting of two or three electrodes are required to record the muscle action potentials on the skin surface. Arranged side by side, the outer two electrodes correspond to [+] and [-]. The electrode in the middle is the reference potential RLD (Right Leg Drive) for the measurement.

The 2-channel electrode stands out with a number of exceptional features:

- Two complete EMG channels in one housing.
- Internal biosignal pre-processing and noise suppression.
- Automatic 50Hz/60Hz detection.
- Digital gain adjustment and RGB myomonitor on sensor both channels.
- Minimum power consumption with maximum noise suppression.
- Automatic signal suppression in case of contact loss.
- Smallest 2-channel EMG electrode with LxWxH 31mm x 19mm x 5,5mm including cable outlet.



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