

# 1-channel Reliable Smart Small



The emg1 is currently the smallest digital surface electrode for measuring muscle action potentials for the control of myoelectric prostheses.

The electrode can be fixed directly in the prosthesis shaft. Optionally, a vacuum seal can be used to seal the electrode elastically in full-contact shafts. With the adapter for standard electrodes, the electrode can be used in existing shafts with third-party electrodes, or can be installed with a spring-loaded high insertion depth.

The 1-channel electrode stands out with a number of exceptional features:

- Internal biosignal pre-processing and noise suppression.
- Automatic 50Hz/60Hz detection.
- Digital gain adjustment and RGB myomonitor directly on the electrode.
- Minimal energy consumption with maximum noise suppression.
- Automatic signal suppression in case of contact loss.
- Smallest 1-channel EMG electrode with LxWxH 27mm x 18mm x 5,5mm including cable outlet.

