



# 2P High Voltage

**Patent-pending design bringing 5kV  
on 34 contacts in only Ø 18 mm**

## NEW PRODUCT INTRODUCTION (October 2024)

LEMO is delighted to announce the new REDEL 2P High Voltage configurations, expanding its current range with a cutting-edge solution that offers **5kV on 26 or 34 contacts within a compact Ø 18 mm design**. These innovative products provide a powerful combination of **safety, performance and reliability**, making them ideal for cutting-edge medical device.

These new connectors incorporate LEMO's best-in-class **Push-Pull latching system**, ensuring secure and effortless connections every time. Engineered to endure **sterilisation and frequent use**, they withstand over **5000 mating cycles**, offering exceptional durability in demanding environments.

Thanks to their impressive **high contact density**, the new REDEL 2P High Voltage connectors provide **precise signal integrity and consistent high voltage performance**, crucial for advanced medical procedures. This significant technological advancement within LEMO's product range makes these new configurations an indispensable innovation for perfect integration in the latest generations of **electrophysiology catheters, including cardiac mapping and pulsed field ablation (PFA)**. Additionally, they are ideal for any applications requiring compact, high-performance interconnect solutions.

- **From 2x18 kV up to 34x5 kV**
- **Best-in-class LEMO Push-Pull self-latching system**
- **Perfect User Safety: compliant with IEC60601-1 regulation**