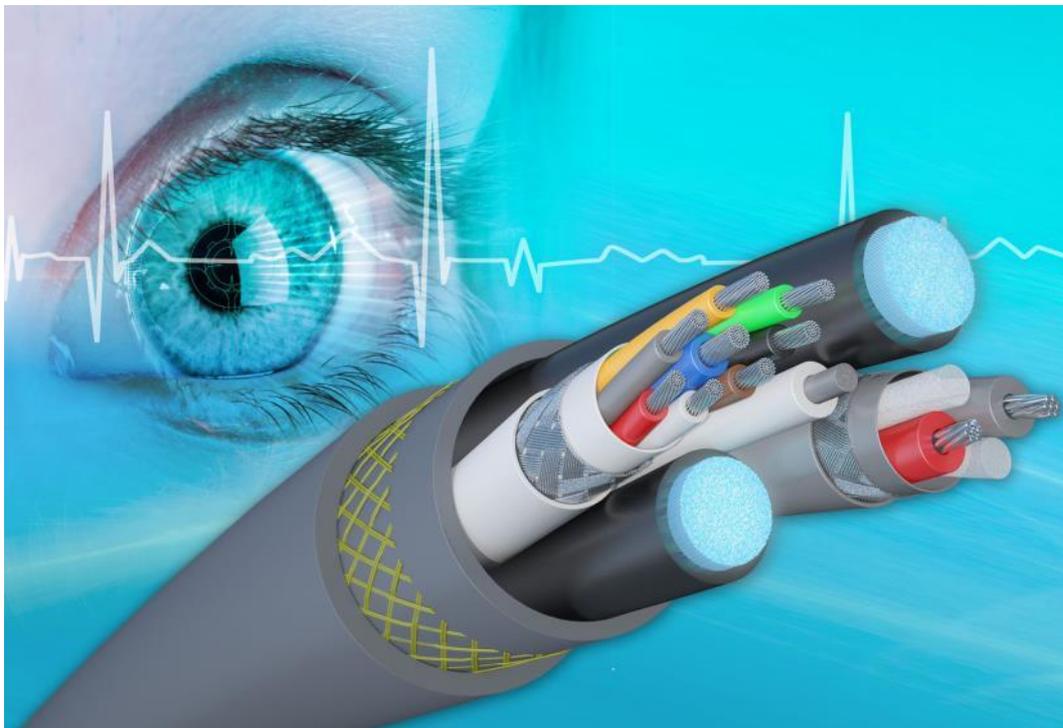


HEW-KABEL at MEDICA 2018:

Biocompatible HEW-Silindo[®] medical cable without stick-slip effect



HEW-Silindo[®] medical cables with a non-stick surface offer tailor-made properties for applications such as dentistry, OP robotics, patient monitoring and imaging diagnostics. © HEW-KABEL

Wipperfürth, October 2018. HEW-KABEL of Wipperfürth/Germany provides its special cables for medical technology with an optional, especially developed HEW-Silindo[®] jacket. Such cables are used in diagnostics, surgery and patient monitoring. With absolutely no foreign matter in the silicone or on the surface, this permanently minimizes sliding friction. Even after being autoclaved over five hundred times, HEW-Silindo[®] reliably prevents the stick-slip effect on patients or components of medical systems. The result: outstanding performance properties combined with comfortable haptics. The combination of optimized cable structure, high-performance materials and patented manufacturing techniques ensures excellent mechanical characteristics even with small dimensions. HEW-Silindo[®] can be sterilized and is biocompatible according to EN ISO 10993-5.

Depending on the application, HEW-Silindo[®] medical cables offer many key properties:

- Types used for medical robots combine HEW-Kabel's long experience in industrial robotics with its medical expertise. Products optimized for medical robots can combine fiber optic cables, coax elements, single wires and strain relief and can resist considerable tensile as well as torsional loads.

- HEW medical cables for patient monitoring systems fulfill the highest demands regarding the quality of the signal transmission. As miniaturized low-noise cables, they minimize and eliminate external influences such as friction, torsion or vibrations, which cause considerable disruptive signals in the form of triboelectric and microphonic noise, and have considerable influence on signal quality.
- For applications in imaging diagnostics (CT, MRT, X-ray), HEW offers highly efficient and flexible flat cables that maintain their reliability even after millions of flex cycles and, allow brilliant results on a lasting basis.
- Hybrid connection cables for dental devices or dentists' chairs combine electrical connections, water or air supply, e.g. through integrated PTFE tubes.

HEW-Silindo[®] is resistant to conventional sterilization processes including steam sterilization (autoclave), plasma sterilization with hydrogen peroxide gas (STERRAD[®] NX[®]), disinfection washing, ultrasonic sterilization, gas sterilization with ethylene oxide, gamma sterilization and wipe disinfection. Thanks to the in-house manufacture, HEW can develop application-specific versions together with customers and supply them within a short period of time and at a consistently high quality level.



Member of  MEDICAlliance

DÜSSELDORF GERMANY
12-15 NOVEMBER 2018

Halle 12 / D58

HEW-KABEL will present its broad portfolio of specialty cables for medical technology at MEDICA 2018, which will take place from November 12 - 15 in Düsseldorf, on Stand D58 in Hall 12.

HEW-KABEL – YOUR CHALLENGE. OUR CABLE.

As an international, owner-managed company based in Wipperfürth near Cologne, we have been developing and producing customized cable and wire solutions for all industrial market segments for more than 50 years. We are focused above all on satisfying our customers' wishes regarding miniaturization, flexibility, temperature resistance and service life. Our customers and suppliers are our partners and have a decisive influence on our way of thinking and approach to work – and therefore on our success! Behind our innovative strength lies an experienced team. Training and further education concepts tailored specifically to our employees guarantee solutions at the highest level.

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