

New and enhanced cable gland solutions from LAPP

SKINTOP® new product with bending protection spiral and EMC contact spring

Stuttgart, 27 July 2022 – In assembly, almost nothing is possible without cable glands. They connect the cable and housing firmly and tightly to one another, protect against mechanical influences, dust and moisture and achieve a cable strain relief. There are different designs depending on the application. In July, LAPP expands its product portfolio to include a brass cable gland with a bending protection spiral and optimum protection against electromagnetic interference, as well as an M32 thread with an extended clamping range.

With the new brass cable gland with stainless steel bending protection spiral **SKINTOP® BS-SC-M METAL**, it will be difficult to span the proverbial bow. The special design of the stainless steel spiral is developed for use on moving machine parts and protects the moving cable on the connection housing from excessive bending or even kinking. The cable gland can withstand high mechanical loads and allows a high number of bending cycles. This provides additional protection against breakage of wires and guarantees their function. The special feature of this newly developed cable gland is the integrated highly conductive and flexible contact spring that contacts the copper stranded shielding over a large area and therefore earths the cable via the gland on the housing. This makes the **SKINTOP® BS-SC-M METAL** suitable for EMC-compliant insertion of copper-shielded cables and offers optimum protection against electromagnetic interference – wherever a low-resistance transition from the cable shield to the housing is to be established.

Other advantages: The cable gland offers a wide, variable clamping range for different cable outer diameters, as well as a variant with a reduced sealing insert to seal cables with smaller diameters. The cable gland has been specially developed for use on moving machine parts and is also suitable for outdoor use thanks to its protection class IP 68 (10 bar) and IP 69.

Additional expansions in the SKINTOP® portfolio

The global market leader for integrated solutions in the field of cable and connection technology is also expanding its portfolio of **SKINTOP® MS-M** with an M32 thread, which is now also available with an extended clamping range for inserting thicker cables (19 - 28.0 mm, clamping range M40).

Users who want to remain loyal to the M32 connection thread and still want to feed cables with a larger diameter through the cable gland can now do this thanks to the extended clamping range of the M32 cable gland (19 – 28.0 mm). For item names with the addition "PLUS", the clamping range corresponds to the next higher thread size (here: M40 size). The extended clamping range allows cables with larger diameters to be inserted with the same connection thread.

Robust cable glands of the entire SKINTOP® series

With the protection class IP 68 (10 bar) and IP 69, the SKINTOP® MS-M series achieves the best possible sealing of the cable and housing. Flexible lamella offer an optimal strain relief. An innovative double lamella basket in sizes M 75 x 1.5 to M 110 x 2 simplifies assembly and prevents lever action on heavy cables. The SKINTOP® MS-M cable gland series withstands high chemical and mechanical influences, making it suitable for demanding environments and outdoor use.

"The cable glands from the SKINTOP® MS-M series for sealing and strain relief inserting cables into a housing are impressive with their versatile properties for a wide range of applications", says Benjamin Rentschler, Product Manager for Cables and System Products at LAPP. "In addition, an extensive range of accessories is available".

Available as durable variants in a lead-free version

All models in the SKINTOP® MS-M series are available in a lead-free alternative with marking LF in the item number, but with the same product properties. Just over two years ago, LAPP presented the world's first lead-free SKINTOP® brass cable glands, offering its customers sustainable and forward-looking product alternatives that already meet future REACH/RoHS requirements.

Images and graphics

For this press release, you will be provided with digital images in printable resolution. The photos may be used free of charge. No graphical editing is permitted, except for cropping the main motif.



SKINTOP® BS-SC-M METAL

The brass cable gland was developed for EMC-compliant insertion of copper shielded cables and is equipped with a stainless steel bending protection spiral.

Photo: LAPP

You can download the image [here](#).



LAPP New products for summer 2022

At the summer launch, LAPP will be presenting a variety of new products, including new SKINTOP® cable glands.

Photo LAPP

You can download the image [here](#).

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About LAPP:

Headquartered in Stuttgart, Germany, LAPP is a leading supplier of integrated solutions and branded products in the field of cable and connection technology. The company's portfolio includes standard and highly flexible cables, industrial connectors and screw technology, customised system solutions, automation technology and robotics solutions for the intelligent factory of the future, as well as technical accessories. LAPP's core market is in the industrial machinery and plant engineering sector. Other key markets are in the food industry, logistics, as well as the energy and the mobility sector.

The company was founded in 1959 and is still fully owned by the founding family to this day. In the 2020/21 financial year, it generated a consolidated turnover of EUR 1,423 million. LAPP (including its non-consolidated companies) currently employs approximately 4,586 people across the world, produces at 21 international sites and has over 44 sales companies. LAPP also cooperates with around 100 international offices.

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