

High demand for Hauff-Technik's solutions

WITH ITS CORE expertise lying in the creation of hermetically-sealed partitions in buildings and structures built from concrete, brickwork or sheet steel walls, Hauff-Technik's business is to offer its customers effective and high-precision designed medium-voltage cables or stainless steel sleeves for high-voltage shore connection systems.

The Middle East Electricity exhibitor is now planning to make its mark within the field of renewable energy, where it has been experiencing high demand.

"Hermetically-sealed' equates to much more than the usual IP protection ratings against the intrusion of solid objects, liquids and gases," commented Hauff-Technik CEO Michael Seibold. "For us, 'sealed' is not just the description of a state, it is a promise that we make to our customers.

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Hauff-Technik CEO Michael Seibold

"We can meet even more stringent requirements with our special designs and custom-made items, which can be produced and supplied to our customers within a few days thanks to our extensive in-house manufacturing capabilities," added Seibold. "In our capacity as leading innovators, alongside our high-volume production, we are just as capable of handling small batch sizes – right down to a single unit – with our sophisticated manufacturing processes."

According to the company, its standard sealing systems can remain tightly sealed even when immersed in water up to 50-metres deep.

Cable entry system as a modular system

The company's HSI 150 cable entry system acts to ensure a quality seal for all types of cables fed through the walls of power stations, plant buildings and basements. The certified oil leak tightness prevents interferences such as transformer oil from getting into the soil or groundwater, and the building blocks of this system consist of concrete-cast components, which have been retrofitted with screw-on aluminium flanges in front of core drilling holes, and supplementary components.



Image 2: The system covers for storing three interchangeable 120° circle segment inserts ('segmento').



Image 1: The range of system covers includes those with sockets for sealing the cable using a hot or cold shrinking process.

These supplementary components include various cover systems which fulfil the required sealing functions for cables as well as cable ducts that require tight connections or flexible conduits.

The block is characterised by the inner system diameter of 150mm, which is required within the wall to be penetrated. All system covers offered for this purpose not only provide the seal for the inner system diameter, but also for the cable(s), which are to be fed through.

The range of system covers includes those with sockets for sealing the cable using a hot or cold shrinking process (see image 1); system covers for storing three interchangeable 120° circle segment inserts ('segmento') (see image 2); press seal covers (elastomer rubber press technology) in a closed design with individually punched holes; in a split design with individually punched holes, also with a removable insert ring; or the universal model with hole diameters (split, variable press seal cover DG), which can be made at the

construction site to suit the particular cable in question.

Hauff-Technik, one of Europe's leading manufacturers of cable and pipe wall penetrations, has been developing solutions for the energy supply and construction industries since 1955. It has a range of more than 3,000 products and will aim to intensify its expertise in the energy transformation markets, while continuing to increase turnover over the next few years. ■

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