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15 **HELUKABEL introduces special cables with DVGW (German Association for Gas and Water) approval for permanent use in water to the market**

Resistant to drinking, sea and salt water up to depths of 600 meters

Many industries require a stable underwater power supply distributed via water-resistant cables: for example, for submersible pumps, sensors, heating or drive motors. With HELUPOWER AQUATIC-750-BLUE, HELUKABEL now offers an in-stock cable that is resistant to drinking, sea and salt water as per DVGW Standard W 270 (picture 1). The cable is also 100 percent resistant to moisture diffusion and, therefore, can be used at depths of up to 600 meters and can be subject to an external pressure of 60 bar. The mechanically robust blue jacket is made of a cross-linked special compound. The cable is approved for a nominal voltage of 450/750 Volt. Application areas include the food and biotech industry, water recycling/cleaning or wastewater treatment plants, aqua farms, leisure parks and wafer production.

Permanently tight

The resilient cable can tolerate chlorine levels of up to 0.6 mg/l and seawater with a salinity of up to 3.5 percent. This means that it is suitable for use in various types of water which reduces the number of different cables needed and hence simplifies storage. Cable cross sections range from 1 to 2.5 mm². In permanent installations, this cable can be used at ambient temperatures from -40 to +80 degrees Celsius. If laid in the open air, ambient temperatures in the range of -25 to +50 degrees Celsius must be maintained. The maximum operating temperature at the conductor is 90 degrees Celsius.

Info about the pictures:

Picture 1: The HELUPOWER AQUATIC-750-BLUE cable is resistant to drinking, sea and chlorinated water as per DVGW Standard W 270. It is available in standard lengths and directly from stock. (source: Helukabel)

40 Picture 2: The cable ensures a stable underwater power supply: for example, for submersible pumps, sensors, heating or drive motors. (source: Parilov / Adobe Stock / Helukabel)

45 Information box: About HELUKABEL

The HELUKABEL Group, headquartered in Hemmingen, Baden-Württemberg, is one of the world's leading manufacturers and suppliers of cables, wires and cable accessories. With its 57 manufacturing sites and sales locations in 36 countries, the company is regarded as a reliable partner for customers in industry and infrastructure. The extensive range of more than 33,000
50 stocked items and application-specific cables guarantee electrical connection technology from a single source supplier.

For more information, please click [here](#).

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