

JOHANNESBURG – April 15, 2016



DEHNcheck camera enables technicians to see the hidden

Tracing electrical wiring in walls or anywhere else can be a tricky task, one that involves more than just looking for the visible and non-visible wires. To figure out exactly where the wires are, one would also have to look for the outlets and appliances to which each wire connects. Furthermore, you would need to figure out which circuit breaker applies to which section of the building wiring. Fortunately, with the right tools and techniques, you can effectively and safely trace wiring without causing any damage.

The DEHNcheck camera brings the invisible to light, and thus allows for safe inspections and easy handling via a radio link to smartphones or tablets. The portable inspection camera can be used for regular visual inspections and for documenting the state of electrical installations up to 36 kV / 15 to 60 Hz. The device can easily and safely be operated by electrically skilled workers through the use of WiFi, and practically controlled via an application on smartphones or tablets.

Photos are wirelessly transmitted via a WiFi connection and, when is used in combination with the extendable insulating sticks from DEHN, the camera maintains the required safety distance. The flexible operating head is able to reach and document areas of the installation that are difficult to access.

The DEHNcheck camera can be used for quickly and reliably reading the rating plates of electric switches or transformers, detecting broken electrical equipment such as insulators at an early stage, and determining the degree of pollution of parts of electrical installations - even in places not visible to the eye. If a greater safety distance is required to ensure safe operation, an extension can be easily and quickly attached using the plug-in coupling system.

The installation does not have to be disconnected during testing, which means no downtime is necessary and less time will be used for the installer. Photos and films can be filed for documentation purposes and important information can easily and quickly be transferred through a smartphone or tablet.

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The DEHNcheck camera comes as a complete set supplied in a case. It consists of a camera with battery, USB cable and smartphone attachment, housing, adapter with gear coupling and transport case and can be used for visual inspections of electrical installations with nominal voltages up to 36 kV / 15 to 60 Hz.

The market leader DEHN, a globally active family-owned electrotechnical company with more than 1600 employees worldwide, offers innovative products and solutions as well as comprehensive services in the field of **surge protection, lightning protection and safety equipment**. DEHN focuses on the protection of system and building technology, the transportation, telecommunication and process sector, photovoltaic systems, wind turbines, etc. The company's continuous growth is based on more than 100 years of tradition and experience as well as highest quality standards and consistent customer and market orientation throughout the world.

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