

Accurate and Swift Diagnosis

Accurate examination and analysis technologies are extremely important in medical technology. In the event of illnesses or emergencies patients depend critically on the equipment employed. Doctors want swift, safe and reliable procedures during the examination in order to minimize stress on their patients and allow accurate diagnoses.

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The stringent demands placed on hospital equipment also apply to the connection technology involved. Real-time video transmission in the operating room is a salient example. Rapid connection of the interfaces is essential, although conventional connectors have proved inadequate in this respect to date. Broken housings and deformed contacts have led to unacceptable maintenance requirements.

Han-Yellock® connectors from HARTING prevent such failures. In a prototype project, HARTING installed the Han-Yellock® housing in mobile consoles in order to provide a reliable connection between the monitor and a mobile camera. Additional equipment in the operating room was also connected. This combination is used in endoscopic examinations.

Han-Yellock® is utilized as a "plug-and-play" connector in order to reduce the hospital personnel's work load. The combination with Han-Modular® multi-contact modules and premium coax contacts results in precise and resilient connections. The trial in five operating rooms proved extremely successful, and the combination is set to move into standard use.

Further application areas for Han-Yellock® in the medical sector also include building equipment and patient information systems. For example, some hospitals visualize "patient tracking" data using information displays. Han-Yellock® has been selected for these applications with an additional model in white color tones which blends in perfectly with its new surroundings. ■