Wherever shielded cables and wires are fitted, there is the problem of finding a permanent, repeatable, safe and quick connection of the braided shield.

Conventional connection methods use soldering, which is more time-consuming and more expensive, and can often result in damage to the dielectric or to the internal shield conductor caused by heat. Moreover, the use of lead-based soldering methods can be in conflict with the latest safety regulations.

The Shield-Kon solution from ABB involves a crimp technique for shield termination on shielded cables. The reliability of Shield-Kon terminals has led to a specification for the aeronautical and space technology industry and for military applications (MIL-F-21608).

**ABB offers two solutions:**
- The one-piece Shield-Kon connector wraps around the shield and has a specific pocket for the ground wire.
- The two-piece Shield-Kon connector consists of two sleeves that are compressed between the shielded braid and the drain wire.

**The essential advantages are clearly visible:**
- Saves time and reduces assembly costs.
- Safe monitoring.
- Simple operation.
- Low-profile and compact connectors.
- Tried and tested technology.
- Quality grounded connections.