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