

PROVERTHA®

CONNECTORS, CABLES & SOLUTIONS

Rail industry

Secure data transfer





Our Product's advantages at a glance

In rail technology in particular, networks are exposed to extreme influences such as interfering radiations, vibrations or mechanical strains. PROVERTHA's quality products guarantee a safe transfer of signals and data even in these extreme situations.

Our products' advantages at one look:

Shock and vibration resistance

Our connector series M12 and Quick Lock D-Sub Hood System have been tested according to DIN EN 61373 for extreme vibration and shock influences.

Crimp Contacts

Modern crimp technology with four-point crimp for a permanently reliable connection.

Crimp flange system with 360° shield connection

A special connector design and shield contacting system guarantee a reliable 360° EMI/RFI shielding and easy and fast mounting.

Smoke and fire

According to EN45545-2

Cable Assembly on the highest level

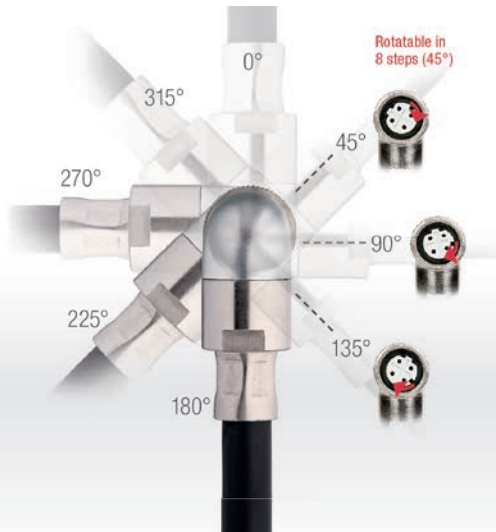
In our plants, certified according to IATF 16949 and DIN ISO 9001, we develop and produce cable assemblies on the highest level.

Our production facilities are equipped with the most modern machines such as KOMAX fully automated machines, Schäfer crimping machines all with crimp force monitoring and Schleuniger automatic cutting machines for sheathed and coaxial cables.



M12 90° Connector

- 360° EMI/RFI IP67
- Field assembly with crimp contacts and crimp flange technology
- 8 possible code/cable fixing positions
- 8 pin X-Code
- 5 pin A-Code
- 8 pin A-Code
- 5 pin B-Code
- 4 pin D-Code



M12 90° Adapters



Cable Connectors with turned crimp contacts and crimp flange technology

- 360° EMI/RFI IP67
- Field assembled
- 5 pin A-Code
- 8 pin A-Code
- 5 pin B-Code
- 4 pin D-Code
- Versions with protective conduit and fittings



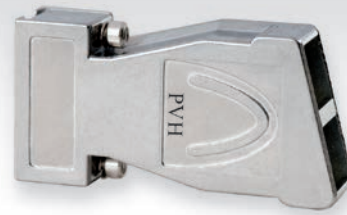
M12 X-Code

- 360° EMI/RFI and IP67
- Field assembly with crimp contacts and crimp flange technology
- Short compact Design
- 10 Gigabit/s data transfer (min. CAT6a)



M12 Patch Cords

- 360° EMI/RFI IP67
- Variable lengths from 1 to 20 meters
- Other lengths on request
- Versions: Male/Male, Male/Female, Female/Female, cross over versions
- M12 to other connectors



Die Cast Bus Hoods

- 9 pole connector
- Compact design with 2 cable outputs
- Extremely space-saving when lined up together
- Fast and easy mounting
- Ideal for bus and special applications
- RF-proofed suitable for sealed crimp flange system or screwed cable clamp



M12 Front or Rear Panel Mount Connectors

- Field assembled
- 5 pin A-Code
- 8 pin A-Code
- 5 pin B-Code
- 4 pin D-Code



Quick Mount Die Cast Hoods

- 9 – 50 pole connectors
- Simple and quick assembly, due to captive screws
- With crimp flange system
- 360° EMI/RFI full metal die cast hood
- Suitable D-Sub Crimp Connectors and Contacts are available

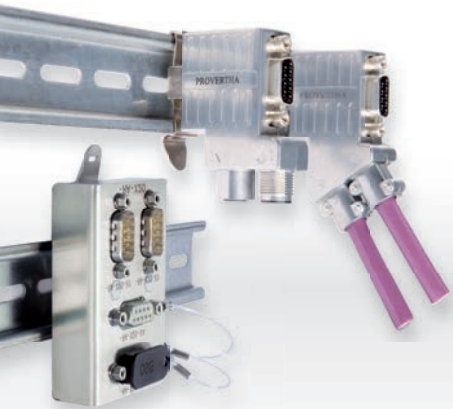


Customized T or Y Splitter

- T or Y Splitter
- With or without cable

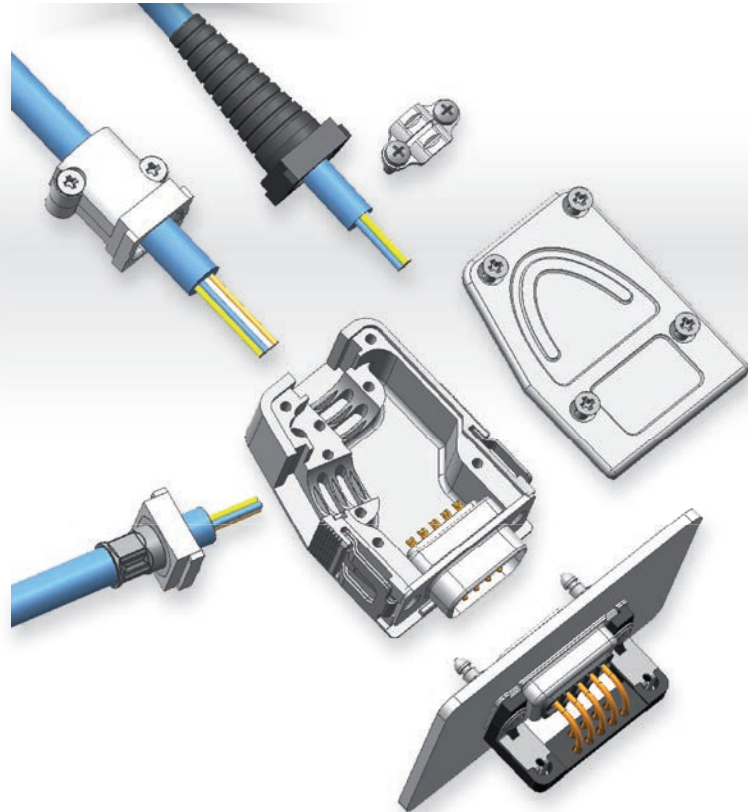
Quick Lock Hoods

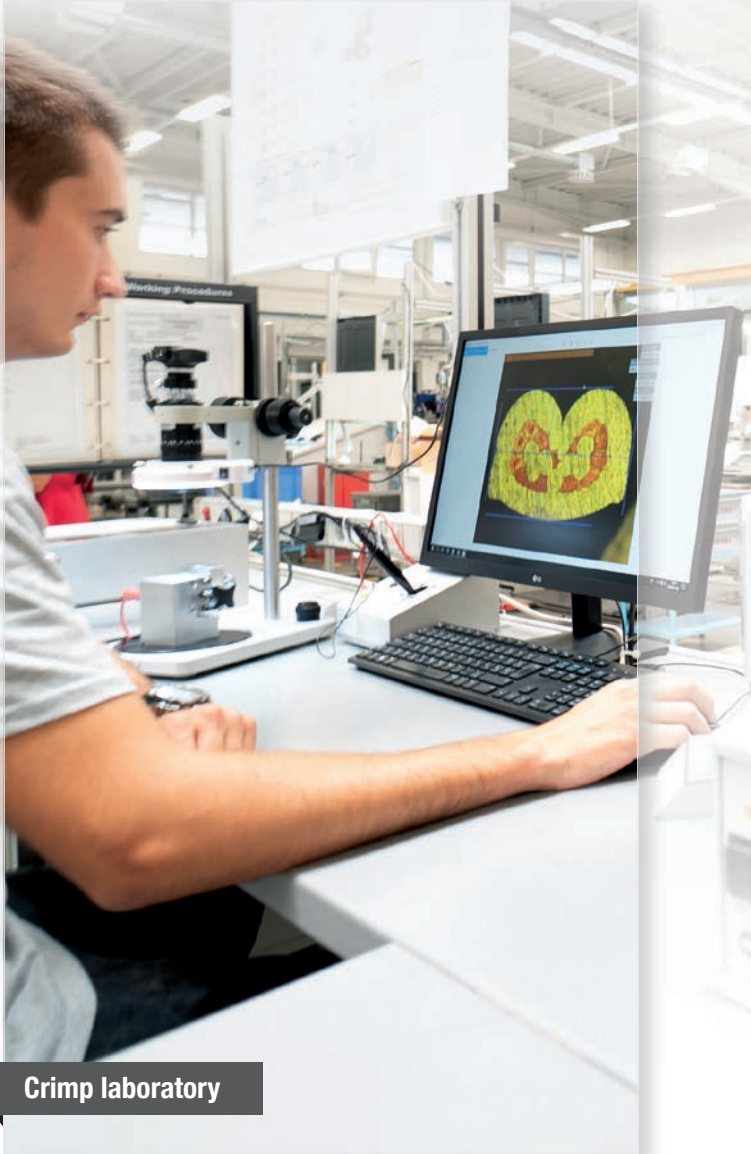
- 9 – 50 pole connectors
- Innovative latching system, fast handling with one hand, safe locking
- Quicker to install as the standard screw or sliding lock systems
- 2–3 cable exits with variable cable connection; internal or external cable clamp or RF-proofed crimp flange system



DIN Rail Adapter

- DIN rail die cast metal adapter – Compact (90°) and Special (35°) with crimp flanges or external cable clamps or M12 (360° EMI/RFI).
- DIN rail metal distribution box (360° EMI/RFI)
- Quick and easy clip on assembly





Crimp laboratory



X-ray



Electrical test

About us



More than
35
years of
experience

- Products for highest physical stability in extremely challenging networks
- Many innovations
- Customer-specific solutions



850
employees

- German-Hungarian company
- Production in Hungary
- Customer Service in Germany
- Happy customers



**Certifi-
cates**

- For your safety
- IATF 16949
- ISO 9001
- For our environment
our production locations
are ISO 14001 certified
- UL approvals

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