

# Advanced Shielding Technology


Totally protected shielding

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Advanced Shielding Technology from Phoenix Contact is the innovative shielding concept for sensor/actuator cabling. The large-area, material-bonding 360° shield connection is unique on the market and optimizes the current design of M8 and M12 connectors.

With Advanced Shielding Technology, you are investing in reliable data, signal, and power transmission for the factory automation of the future.

Further information on Advanced Shielding Technology:  
Simply type the web code into the search field on our website.

 Web code: [#2253](#)



## Totally reliable

Shock and vibration-resistant shield connection even at the highest mechanical loads in torsion, drag chain or robotics applications.



## Advanced Shielding Technology<sup>®</sup>

Designed by PHOENIX CONTACT

### Seamless shielding concept

In the automated production process of connectors with Advanced Shielding Technology, the pre- and metal moldings ensure improved shielding performance. The connector is reliably secured to the conductor during an initial plastic overmold process. In the second overmold process with special tin, the seamless connection between the braided shield and plug creates a protected shield connection.



Scan the QR code and watch the video



### Totally protected

Thanks to the minimal generation of heat and the reliable flow of current in the event of a short circuit, the large-area 360° shielding ensures greater safety and reduces the risk of fire.



### Totally future-proof

Advanced Shielding Technology realizes high-speed data transmission of up to 40 Gbps and also provides secure protection against electromagnetic interferences.



### Totally resistant and robust

The robust connectors are resistant to transient overvoltages caused by the switching processes of inductive loads and can even withstand lightning currents of up to 20 kA.

## Open communication with customers and partners worldwide

Phoenix Contact is a global market leader based in Germany. We are known for producing forward-thinking products and solutions for the comprehensive electrification, networking, and automation of all sectors of the economy and infrastructure. With a global network, we maintain close relationships with our customers, something we believe is essential for our common success.

You can find your local partner at  
[phoenixcontact.com](https://phoenixcontact.com)

