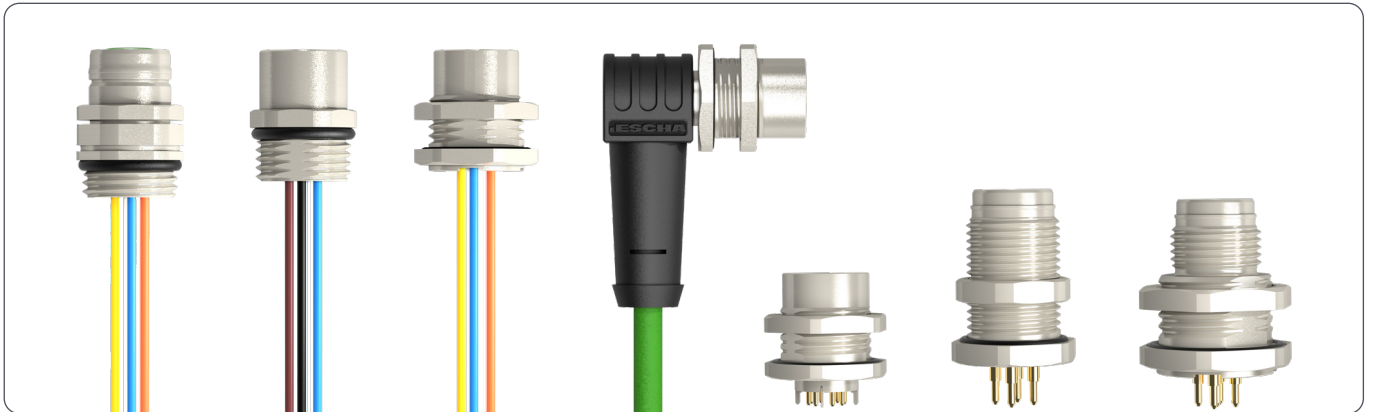


PORTFOLIO EXTENSION

M12 Push-Pull Receptacles | Inner locking / Outer locking, A/D/X-coded

PRN26_001



SCOPE OF APPLICATION | APPLICATION

With its fast and intuitive push-pull locking mechanism, ESCHA helps reducing installation and downtime, providing user with a tangible advantage. The robust push-pull mechanism is suitable for vibration-prone environments and offers a scalable portfolio for signal, fieldbus and Ethernet applications.

The receptacles with push-pull locking meet the specific requirements of DIN EN IEC 61076-2-010.

The new M12 push-pull receptacles portfolio (male and female) expands the classic M12 device connectors with a push-pull locking mechanism. This enables a quick, tool-free connection with clear tactile feedback without compromising the established M12 interface logic (coding and applications). The new locking mechanism is initially available in various codings (A, D, and X). Additional codings can be provided upon request. A distinction is made between front and rear panel mounting, as well as between inner locking and outer locking. These receptacles are available with PCB contacts, stranded wires, or overmolded cables.

KEY FEATURES

- Compliance with DIN EN IEC 61076-2-010 (Push-Pull circular connectors)
- Relevant to railway technology: EN 45545-2 (Fire safety) & IEC 61373 (Shock/Vibration)
- Mechanical life: > 100 mating cycles
- Backward compatibility
- Tool-free installation
- IP65, IP67 and IP68 protection rating

DATE OF PRODUCT RELEASE

- 13. April 2026
- Data sheets and prices available
- Samples can be ordered via the following link:
<https://productmanagement.escha.net/en/release-m12-push-pull-receptacles/>

LIST OF ITEMS

See detached Excel list

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