Energy & Data Transmission Solutions for Transit Applications

Reliable Energy for Tomorrow's Mobility

CONDUCTIX wampfler

Transit keeps cities moving.

Conductix-Wampfler is an industry leader in sustainable and robust electrification solutions – from the tracks to the depot.

- Traction and auxiliary power along the route and at the depot
- High availability and durability
- Proven solutions for new and existing networks
- Comprehensive project support (from engineering to lifecycle services)

Available systems for Monorail, 3rd Rail, People Mover (APM), Stinger, Rigid catenary and Retractable catenary.

Why Conductix-Wampfler for Transit?

- Robust and proven in demanding environments (tunnels, bridges, open-air settings, high traffic volumes)
- Sustainability: Efficient power transmission and long service life
- Backward-compatible modernization (third rail, rigid overhead lines)
- Maintenance-friendly depot solutions (retractable overhead lines, stinger systems)
- Complete solutions from design to commissioning

Non-Insulated Transit Rails

for Metros, Subways, Heavy Rail, and LRT Systems

Welded Cap or **Crimped Cap Rails** for Third and Fourth Rail Systems - High-current traction power delivery in an efficient and durable stainless-steel capped aluminum design represents state-of-the-art technology. They are backward compatible with many legacy conductor systems. Engineered components—splices, ramps/end approaches, anchors, expansion joints, insulators, brackets, and coverboard—improve safety, durability, and lifecycle cost while advancing sustainable operations.

Overhead Catenary Systems

for Tunnels, Bridges, and Depots

Rigid Overhead Catenary

Rigid Overhead Catenary (ROCS) - Robust rigid bar solution for tunnels, bridges, stations, and low-clearance segments. Delivers stable contact geometry, smooth interface with flexible OCS, and reduced maintenance for long-term reliability on high-duty corridors.

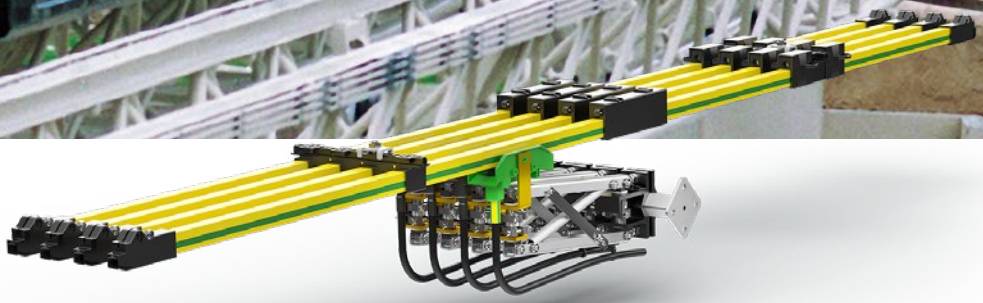
Retractable Catenary – Robust, rigid overhead catenary line for depot/workshop that can be retracted for safe roof-level access and traction power work on rolling stock. Interlocked controls support lockout/tagout, enhance maintenance facility safety, and reduce the turnaround time for maintenance operations.

Retractable Catenary

Single-pole Insulated Conductor Rails

for Automated People Movers

As a global supplier for over 5 decades with an installed base of over 3000 km of APM **Conductor Rail**, Conductix-Wampfler has a proven solution for every application. From rope pulled systems requiring low power to high capacity APMs, our complete range of solutions ensures you have the most reliable and cost-effective technology.



SinglePowerLine 0813

Safe, Moveable Stingers

for Depots and Maintenance Facilities

Stinger Systems (ShoreSafe)
– Moveable overhead trolleys supply plug-in power for rolling stock in depots and maintenance facilities. Traction and auxiliary power are provided without the need for OCS or third rail. Safe, quick-connect stingers are interlocked to prevent connection and disconnection under power. Optimized cable management improves train movement and workflow efficiency.

www.conductix.com

Conductix-Wampfler has just one critical mission:
To provide you with energy and data transmission systems that will keep your operations up and running 24/7/365.

To contact your nearest sales office, please refer to:
www.conductix.contact

Contact Search

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