

Tailor-made products and special back shells

GIMOTA situated near Zurich Switzerland was founded in 1961 by Otto Schoch. The company has been specialized in supplying connectors for the use in railway applications. These are for example CIRCULAR CONNECTORS for power and data signal transmission or DATA CONNECTORS.

Continuing in-house developments concentrated on the same field of activities, particularly with regard to connectors for high-current and data transmission circuits for example the GIMOTA TRAC-Series, and EMI shielded connectors.

GIMOTA connectors are used worldwide in various railway vehicles for lots of different applications. For example with conventional and electronic control systems, with measuring devices of all kinds and within jumper cable applications.

GIMOTA supplies its products to most of the world's leading railway manufacturers and railway operators worldwide.

GIMOTA is known for its high flexibility. The company develops and manufactures connectors for specialized applications according to customer specifications and needs.

Even small batches are welcome to be realized.



GIMOTA takes all possible efforts to provide appropriate logistics solution, such as «just-in-time» deliveries based on an order contracts and forecasts, or maintaining minimum inventory levels specified with the customer.

GIMOTA is today one of the leading providers of industrial traction connectors, and is continuously expanding its market share due to solutions with close focus on customers demand.

Your requirements are our challenge

Since more than 50 years we deal with rail-specific connectors, applications and solutions. We are proud to say that we are the only connector manufacturer with an exclusive focus on the railway market. So it's understandable that we always focus on railway-compatible solutions.

More than once we have proven that we have adapted and improved existing industrial products to the needs of the railway market. The TRAC data connectors, the M12 connectors with bayonet lock or our high quality 360 ° shielding system which is worldwide used in various railway applications.

Application engineering

On request our professional application engineering team with broad experience in connecting solutions is available for expertise and pragmatic application proposals.

The application engineers work close together with the customers to better understand the requirements and specific operation tasks. On the spot assessments of a specific application requirement lead to the proposal for the most appropriate products and design considerations.

The customers' benefits from the application security and legal compliance with electrical installation regulations combined with economic and efficient solutions. To optimize the use of our products and for maximum added value, we also offer specific and detailed product trainings.



Backshell for two shielded cables, with integrated conduit fitting - IP69K

Project: TWINDEXX | Bombardier Transportation



Backshell, fully rubber covered as protection against sandblast and abrasions, including a full receptacle cover. With integrated cable strain relieve and 360° shield connection against EMI impacts.

Project: Talgo 350 | Patentes Talgo |
Highspeed train Mekka - Medina



Sturdy depot plug with two auxiliary contacts, they close lagging the circuit when inserting and open leading it when removing.

Project: TRAXX RU F120 MS | Bombardier Transportation

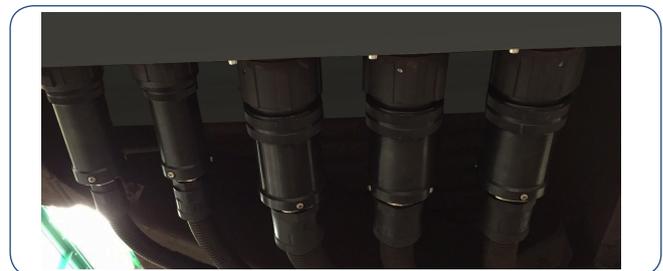


Connector system with a special locking mechanism (only with special tool to open) for axle counters.



Full equipped junction box with 5 connectors and with special „sliding backshells“. These backshells allowing the reconstruction under the vehicle, without renewing the entire cable assembly.

Project: Refit BR480 | S-Bahn Berlin | Deutsche Bahn



This could be your next project - we have aroused your interest please contact us, we look forward to new challenges.

