



Plugs and Sockets

Pls contact Stahl@unitconcept.com for more details and pricing



Plugs and Sockets



R. STAHL's plugs, plug connectors and sockets can be used to conduct, connect and distribute electrical energy without the risk of explosion. Offering a wide variety of products, this is one of the most extensive ranges on the market. The integrated load disconnect switches afford even greater safety.

In hazardous areas, it is extremely important that operations involving electrical energy are conducted with safety at the fore. R. STAHL has one of the most extensive ranges of explosion-protected plugs, plug connectors and sockets on the market. These products are certified for wiring procedures employed all over the world. Most noteworthy are the integrated switches with full motor switching capacity for disconnecting loads and the integrated locking function that is activated as an additional safety feature before the connector is removed.

- Extensive range of explosion-protected plug connectors, plugs and sockets
- Certified for wiring procedures employed all over the world (IEC/NEC)
- Integrated load disconnect switch for disconnecting loads before the connector is removed

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SolConeX is R. STAHL's latest series of explosion-protected plugs and sockets, boasting impressive versatility and a great many clever features for quick and easy installation and functional operation in Zones 1, 2, 21 and 22. These plugs and sockets are suitable for all international wiring systems.

R. STAHL's latest generation, SolConeX, boasts the world's most advanced explosion-protected plugs and sockets. These models are fully compatible with the older versions. They are easy to install, e.g. the deep-drawn enclosure wall allows more space in the connection chamber for the load disconnect switch that is integrated in the socket flange. An integrated strain relief ensures optimal contact during operation, and the self-cleaning contact stacks have been developed to minimise contact resistances. For control and status signals, there is the option of retrofitting up to two auxiliary contacts. The switch sockets are available for currents of between 16 A and 125 A and for connection cross-sections of up to 150 mm².

- State-of-the-art explosion-protected plugs and sockets with innovative features
- Can be used in Zones 1, 2, 21 and 22
- suitable for all commonly used wiring systems across the world (IEC 60309), IP66 degree of protection

Connectors



R. STAHL's miniCLIX plug connectors separate non-intrinsically safe signals in Zone 1, 2, 21 and 22 hazardous areas quickly and safely, even under load. They are easy to install, incredibly straightforward to use and amazingly versatile, even in fieldbus systems.

With its high transfer rate of 100 MBit/s, this R. STAHL plug connector system is perfect for connecting actuators, sensors and other electrical equipment that consumes up to 10 A of power in fieldbus installations and instrumentation and control equipment. miniCLIX plug connectors are compact and are easy to connect by means of crimping or electric lines.

The products in this series are available in different versions and materials in the form of device plugs, flange sockets and connectors/couplings. This innovative technology allows installation and maintenance work to be carried out in Zone 1, even on devices with non-intrinsically safe circuits while these devices are in operation, without having to disconnect them from the power supply and without needing a hot work permit.

- Made from polyamide, nickel-plated brass or AISI 316L stainless steel
- 4/4+1 and 6+1-pole, up to 16 A
- IP66/IP68: Suitable for use in harsh industrial environments