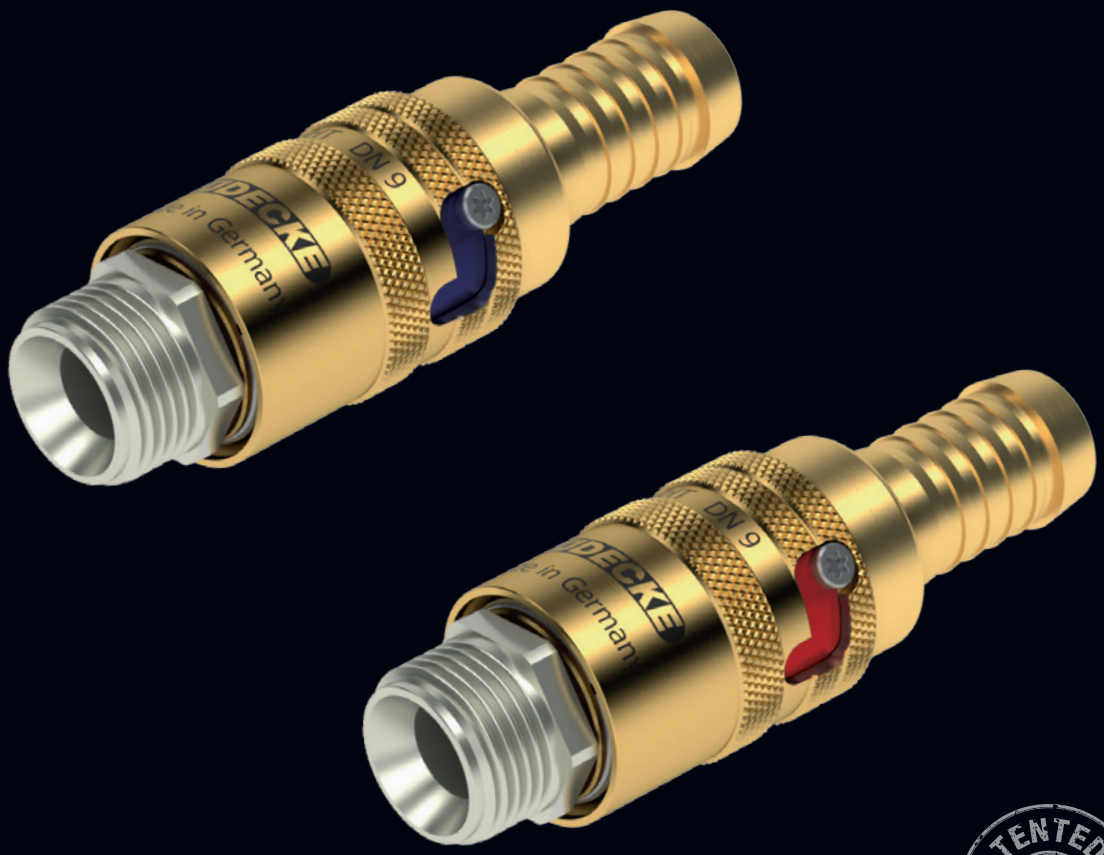
LÜDECKE

Since 1930. The perfect connection.



PATENTED PATENTED

Temperature Regulation Quick Connect Coupling System with Automatic Locking Mechanism and Thermo Colour Coding

Edition 1.0

Temp® Control by LÜDECKE

MADE IN GERMANY EFFICIENCY by LÜDECKE TEMPERATURE REGULATION

LÜDECKE MADE IN GERMANY

Intelligent Technology
for Maximum Safety

The patented TempControl by LÜDECKE® temperature regulation quick connect coupling system features a new and innovative thermo colour coding. It warns the operator of hot media as well as high surface temperatures of the coupling and thus offers reliable protection against potential injuries.

As a result, this coupling is especially suited when using critical media as well as for extreme temperatures between -20°C and +220°C*
High-quality FKM O-rings prevent leakages in high-temperature applications.

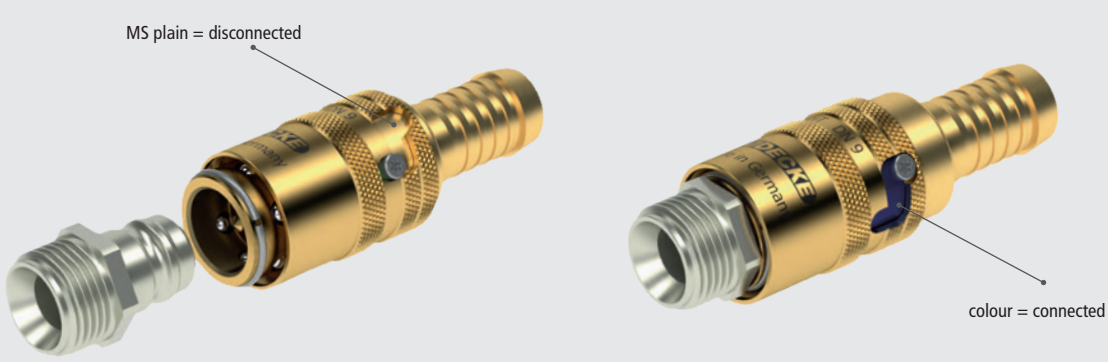
*subject to used media

Advantages:
- Temperature-sensitive colour coding of the locking sleeve
- Maximum safety against unintended disconnection and unlocking
- Simple and intuitive coupling process
- High-resistance seals for extreme conditions
- Versions with additional O-ring sealing at connection port
- Available for almost all temperature regulation series in various sizes, materials, types of connections and valves

Temp® Control by LÜDECKE

Patented Safety

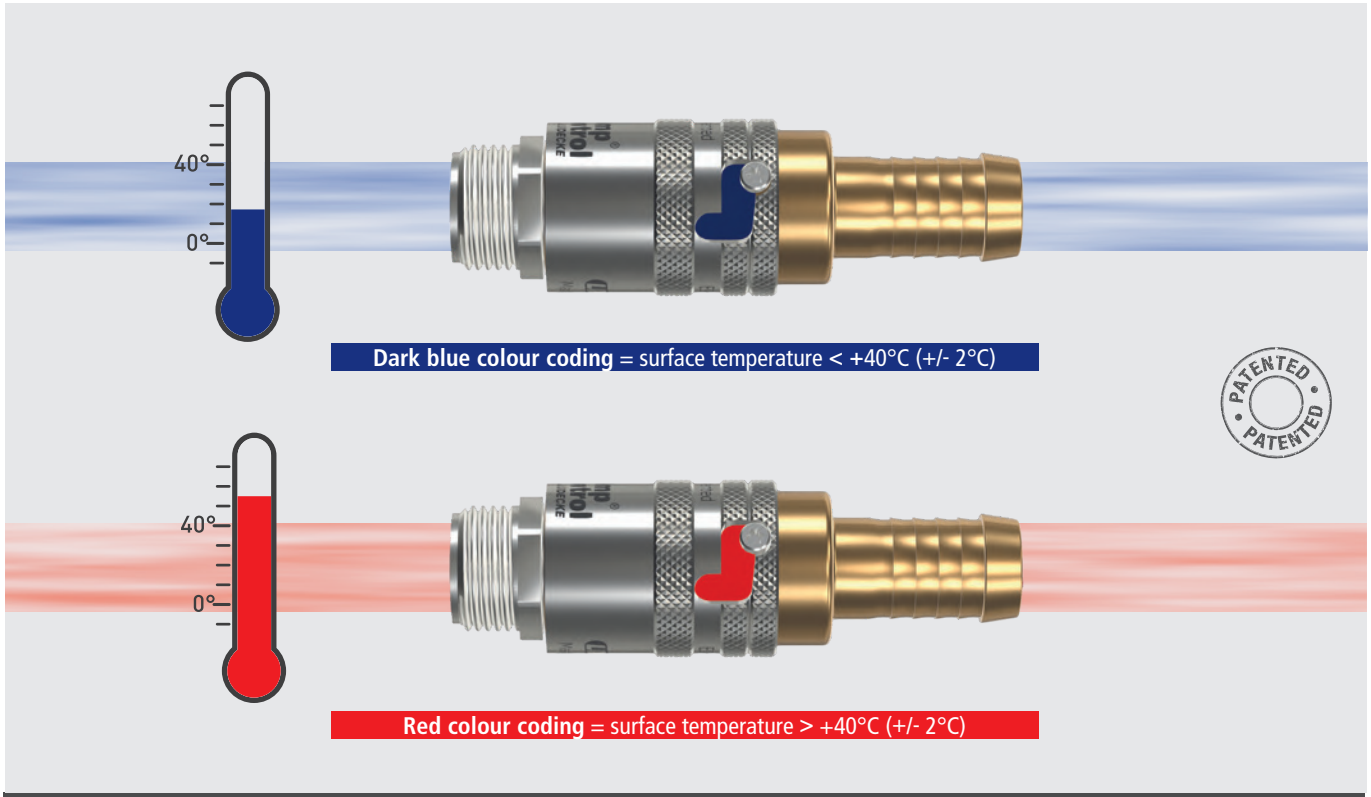
The TempControl quick connect coupling is based on the tried and tested TempSecure by LÜDECKE® principle:
A colour coding on the locking sleeve clearly indicates correct and secure connection. At the same time, an automatic safety locking mechanism prevents unintentional disconnection and unlocking.



The disconnecting process can be performed blindly due to the forced guidance of the locking sleeve.
However, this requires a deliberate manual unlocking effort. An accidental or unintentional disconnection is almost impossible.

Functional Principle

The colour coding of the TempControl by **LÜDECKE**® quick connect coupling system indicates the current temperature of the coupling surface. When the temperature falls below +40°C, the colour coding turns blue - the coupling can be touched without any precautions. When the temperature rises above +40°C the coating reacts. The dark blue surface turns red warning against potential burns.



Important note:
The colour coding represents the surface temperature of the coupling and serves as visual aid. However, the temperature of the media is not measured. At all times, it is the operator/ user who is responsible for safe and proper use of the product. In case of couplings with free passages, please turn off the media flow before disconnection.

High-Quality Materials

The temperature regulation quick connect coupling is characterized by superior materials and sophisticated technology:

It is made of high-quality brass (plain/ nickel-plated) and high resistant special brass or stainless steel.
The high-performance FKM O-ring has been developed for the special requirements of high-temperature applications. It is optimised for steam/ hot water and guarantees excellent resistance against various media.

For further information about the TempSecure technology and the product range, please refer to our TempSecure brochure → www.ludecke.com

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