

# MOULDPRO

## SAFETY COUPLING

### TYPE TS



The patented quick connect safety coupling features an automatic locking mechanism that offers an effective solution for accidental disconnection and unlocking.

The coupling is designed for use with aggressive media such as mould cooling applications with hot and cold water (as well as thermal oil) between -20°C and +200°C\*.

High quality FKM o-rings mean that the coupling is ideal for mould cooling circuits especially for high temperature.

The couplings are available in both European and International series making it fully compatible with existing moulds; it is not necessary to change the connector nipples.

\* water up to 160° C oil up to 200°C

Coupling in unlocked position, sleeve is in default position ready to connect



Coupling in locked position, and green code indicates that the coupling is locked and safe



The Mouldpro quick connect safety coupling system is characterized by its simple and intuitive connection process.

Even in difficult and hidden areas, this enables a safe operation. The connection takes place via automatic locking.

An additional colour coding on the locking sleeve indicates a correct and secure connection clearly and unequivocally.

The disconnecting process can be blindly executed due to the forced guidance of the locking sleeve – it requires an axial movement of turning the locking sleeve, basically a manual unlocking motion.

An accidental or unintentional disconnection is practically impossible.

- 1 Strengthened release sleeve made of high resistant special brass
- 2 Separate O-ring sealing on the connector
- 3 Special-Hitec-FKM-O-ring
- 4 Forced guidance design with visual colour coding on the locking sleeve
- 5 Patented automatic safety locking mechanism (dependable security when disconnecting)

