

Quick Connect Couplings

Instructions for use

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Series KF/SF
Series KA/SF
Series KB/SB
Series KL/SL

Coupling with single-handed operation

- Coupling is effected simply by pushing the plug into the coupling. During coupling, make sure that the plug is pushed into the coupling as far as it will go. The plug locks audibly into place.

Coupling with two-handed operation

- Coupling is effected by pushing back the sleeve, and at the same time, pushing the plug into the coupling. During coupling, make sure that the plug is pushed into the coupling as far as it will go. When the maximum push-in position has been reached, the sleeve must first be released and only then the plug. The sleeve must move towards the connector until it reaches the same initial position as before actuation. It is then important to check whether the lock has snapped into place by pulling the plug.

CAUTION! Fluid may leak during coupling, especially with couplings or plugs that are under pressure. Make sure that any fluid that may leak under these circumstances does not create any hazard. With quick connect couplings from the KL/SL series, no fluid can leak during coupling.

Uncoupling

- When uncoupling the KF/SF series without built-in valve, it is essential that the fluid supply should be shut off before uncoupling.
- Uncoupling is effected by pushing back the sleeve. The coupling valve shuts off any further fluid supply, and at the same time, the plug is pressed out of the coupling by the remaining fluid pressure and the valve spring.
- During uncoupling, the plug must be firmly held in the hand in order to prevent it from spinning dangerously out of control. Safe handling of compressed air can be achieved here by using Rectus series KE self-venting couplings.
- Couplings for panel mounting are click-on couplings, which are uncoupled by pulling the plug out of the coupling. The coupling valve shuts off continuing fluid feed.
- When uncoupling the KA/SF series, follow-up flow of fluid from the coupling is prevented by a built-in valve. The plug is without a valve, so that any fluid that is still present can still follow up.
- When uncoupling the KD/SD series, follow-up flow of fluid is prevented by built-in valves in the coupling and in the plug.

CAUTION! Fluid may leak during uncoupling, especially with couplings or plugs that are under pressure. Make sure that any fluid that may leak under these circumstances does not create any hazard. With quick connect couplings from the KL/SL series, no fluid can leak during uncoupling.

CAUTION! Depending on the design, the appliance connected to the SB or SL plug may still be under pressure, even though the connection has been interrupted.

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