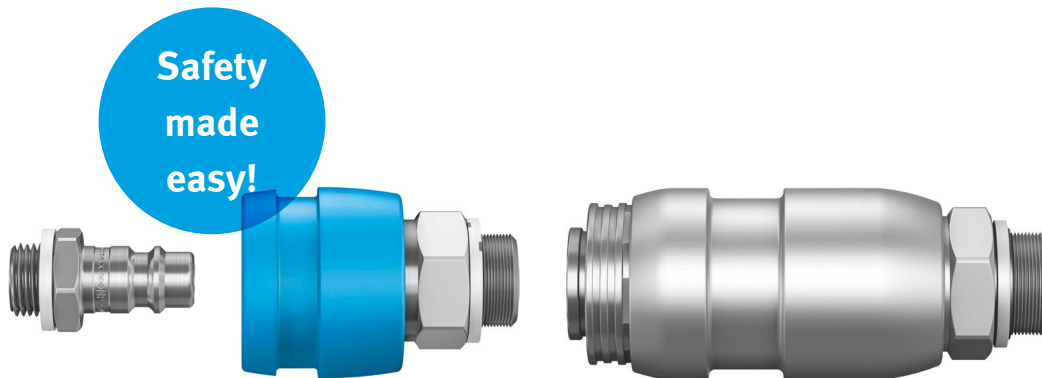


# Pneumatic safety couplings NPHS

FESTO



## Retrofit safety!

### Highlights

- Simple and intuitive to operate
- To ISO 4414
- Ergonomic: no need to use much manual force
- High flow rate
- Integrated hand slide valve

Switch over to safety by simply retrofitting. With the safety couplings NPHS, you can even decouple pressurised systems in complete safety. The NPHS are available in two variants: the polymer NPHS-D6-P-\* and the high-performance metal NPHS-D6-M-\*.

#### Integrated hand slide valve

The metal variant with the integrated hand slide valve enables pressure-free coupling and decoupling. This helps you to avoid workplace accidents, disconnect pneumatic connections without decoupling and reduce your energy costs.

#### Ergonomic operation

An optimised push/pull mechanism ensures the safety function in the polymer variant. Thus NPHS can be coupled and decoupled without much manual force.

#### Changeover made easy

NPHS is compatible with conventional safety couplings KD(M)S6/KSS6.

The metal variant is additionally compatible with standard couplings KD4/KS4. The KS4 plug can also be used on the NPHS-D6-M-\* thanks to the hand slide valve.

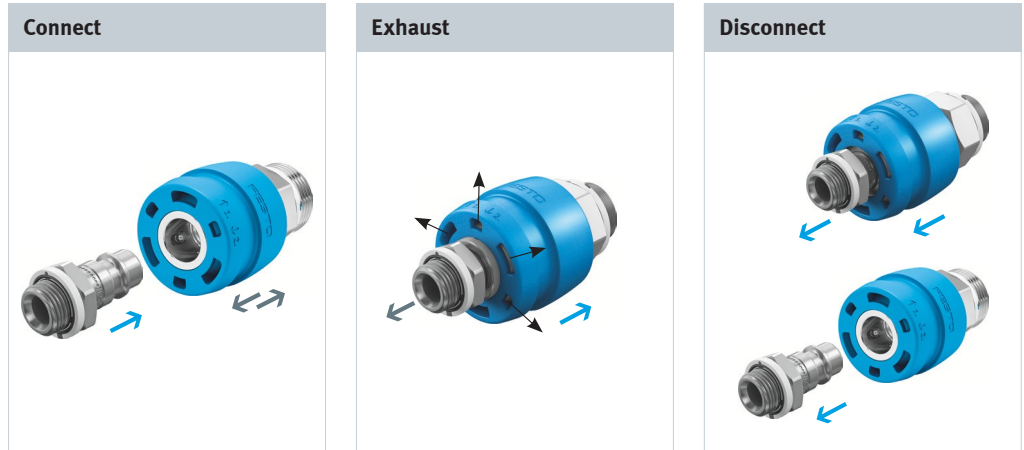
This makes it really easy to change over your installations and systems to safety couplings!

# Pneumatic safety couplings NPHS

## Polymer variant

The new "push/pull mechanism" of the polymer variant prevents work accidents:

- Connect
- Exhaust by pushing the releasing sleeve
- Disconnect by pulling the releasing sleeve

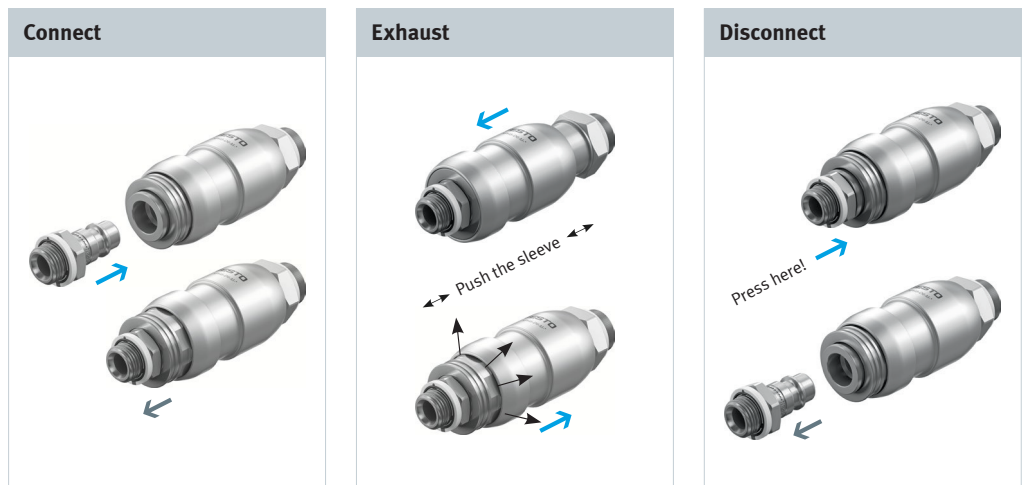


→ Manual override    → Automatic reaction    → Exhaust flow

## Metal variant

New: The integrated hand slide valve for pressure-free coupling and decoupling on the metal variant

- Connect
- Pressurise and exhaust with the hand slide valve
- Pressureless and safe disconnecting by pressing the releasing sleeve



→ Manual override    → Automatic reaction    → Exhaust flow

Technical data	NPHS-D6-P-*	NPHS-D6-M-*
Flow rate [l/min]	875 ... 2083	1750 ... 2100
Temperature range [°C]	-10 ... +60	-20 ... +80
Pressure range [bar]	-0.95 ... +10	-0.95 ... +20
Port sizes	G1/8 ... G1/2 (male and female threads) and barbed connectors N-9	G1/4 ... G1/2 (male threads only)
Additional functions	None	3/2 hand slide valve