

# CKD kit, Series HF04

- Compressed air connection output Ø 6 M7
- Can be assembled into blocks
- Double base plate principle
- Reversed pressure supply permissible
- Bus module extension possible
- I/O extension possible
- With collective pilot air exhaust
- D-Sub plug, 25-pin, on the side, Link structure CMS



Type	Multipole
Working pressure min./max.	See table below
Ambient temperature min./max.	-5 ... 50 °C
Medium temperature min./max.	0 ... 50 °C
Medium	Compressed air
electr. connection	D-Sub plug, 25-pin, on the side, Link structure CMS
Number of valve positions max.	2
Grid dimension	11,8 mm
Rail mounting DIN EN 60715	TH35 x 15
Exhaust (3,5)	With directional exhaust (3/5)
Exhaust type	Ports separated
Mounting screw	cross recessed DIN EN ISO 4757-Z0
Tightening torque for mounting screws	0,2 Nm

## Technical data

Part No.	Type	electrical connections
R412008545	Base plate for a single or double solenoid valve	Plug, D-Sub, 25-pin
R412008546	Base plate for a single or double solenoid valve	Plug, D-Sub, 25-pin
R412008547	Base plate for a single or double solenoid valve	Plug, D-Sub, 25-pin
R412008548	Base plate for a single or double solenoid valve	Plug, D-Sub, 25-pin

Part No.	Compressed air connection Input [1]	Compressed air connection Output [2 / 4]
R412008545	Ø 8	Ø 6
R412008546	Ø 8	Ø 6
R412008547	Ø 8	M7
R412008548	Ø 8	M7

Part No.	Compressed air connection Exhaust [3 / 5]	Compressed air connection Pilot connection [12]
R412008545	Ø 10	-
R412008546	Ø 10	Ø 6
R412008547	Ø 10	-
R412008548	Ø 10	Ø 6

Part No.	Compressed air connection Pilot control exhaust [R]	Working pressure min./max.	Pilot
R412008545	Ø 6	3 ... 8 bar	Internal
R412008546	Ø 6	-0,9 ... 10 bar	External
R412008547	Ø 6	3 ... 8 bar	Internal
R412008548	Ø 6	-0,9 ... 10 bar	External

Part No.	DC operating voltage	Voltage tolerance DC
R412008545	24 V	-10% / +10%
R412008546	24 V	-10% / +10%
R412008547	24 V	-10% / +10%
R412008548	24 V	-10% / +10%

1 = plug-in connection Ø 8 mm↔2 and 4 = plug-in connection Ø 6 mm or thread connections M7↔3 and 5 = plug-in connection Ø 10 mm↔R = collected pilot exhaust, plug-in connection Ø 6 mm↔X = external pilot, plug-in connection Ø 6 mm, connection X plugged with internal pilot control

## Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!  
 The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .  
 The oil content of compressed air must remain constant during the life cycle.  
 Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Double base plate principle

## Technical information

Material	
Base plate	Polyamide
push-in fitting	Brass, nickel-plated
Seal	Acrylonitrile butadiene rubber
Screws	Steel
Tie-rods	Aluminum

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