

**Energy throughfeed
DHTG-P4...**

1. Intended use

Energy throughfeed DHTG-...-P4/-P4E4/-P4L12:
Energy throughfeed through the drive shaft of the rotary indexing table DHTG.

Type	Usage
DHTG-...-P4	Passing through of compressed air
DHTG-...-P4E4/-P4L12	Passing through of compressed air and electric signals

2. Safety instructions and notes on mounting

- Switch off power supply and compressed air before mounting work.
- Observe the safety instructions (→ applicable documents).
- Do not connect or disconnect plug connectors when powered.

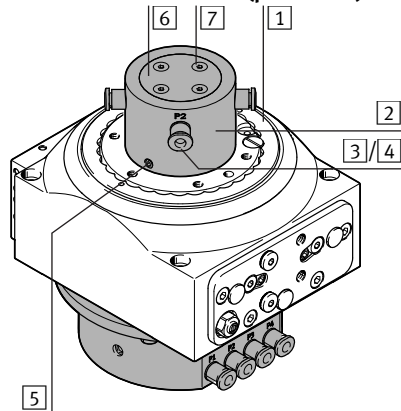
i Information

Applicable documents → www.festo.com/sp

- Operating instructions of the rotary indexing table DHTG
- Operating instructions of the energy throughfeed DHTG-P4

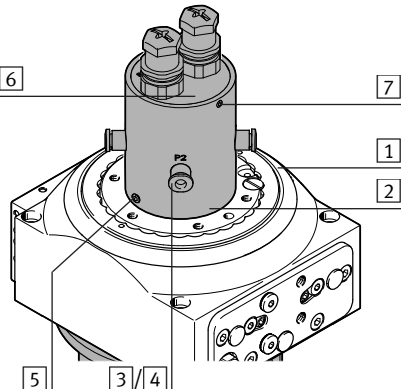
3. Parts lists

3a. Parts list DHTG-...-P4 (pneumatic)



- 1 Rotary indexing table (1x)
- 2 Housing top part (1x)
- 3 Push-in fitting (4x)
- 4 Fitting (4x)
- 5 Threaded pin (2x)
- 6 Cover (1x)
- 7 Screw (4x)

3b. Parts list DHTG-...-P4E4/P4L12 (pneumatic and electric)



- 1 Rotary indexing table (1x)
- 2 Housing top part (1x)
- 3 Push-in fitting (4x)
- 4 Fitting (4x)
- 5 Threaded pin (2x)
- 6 Cover (1x)
- 7 Threaded pin (2x)

4. Dismounting DHTG-...-P4 (pneumatic)

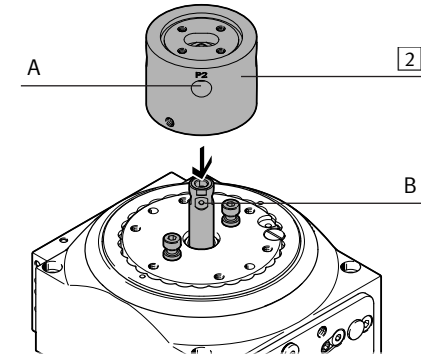
To mount an indexing conversion kit DADM-CK:

- Dismount housing top part [2] of the energy throughfeed in reverse sequence to mounting.

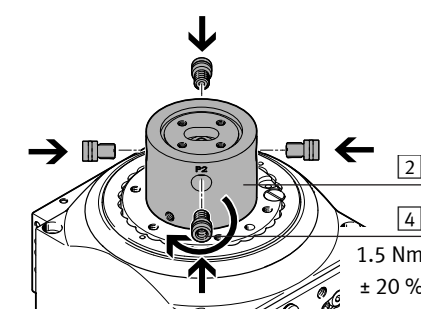
When dismantling:

- Mark air passage (B) for air connection P2 on the air tube.

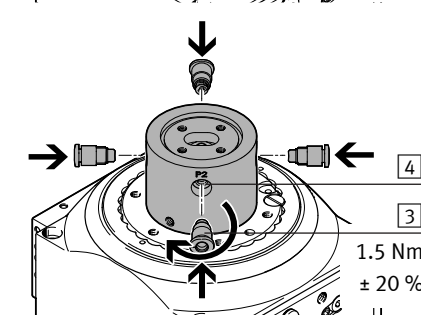
5. Mounting DHTG-...-P4 (pneumatic)



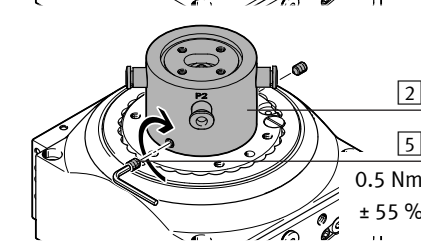
- Place housing top part [2] onto the air tube on the rotary indexing table.
- The air connection P2 (A) corresponds to the marked air passage (B).



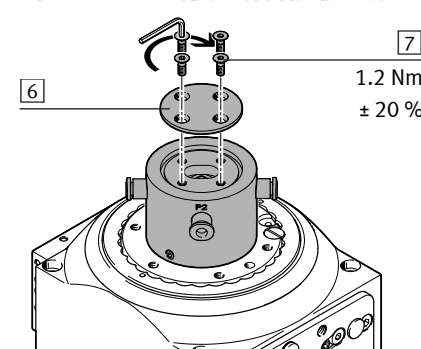
- Check:
- The air connection P2 must be aligned with the marked air passage (B).
 - The O-ring sits on the front side of the fitting [4].
- Screw fitting [4] into the housing top part [2]. Observe tightening torque.



- Screw push-in fittings [3] into the screwed-in fittings [4]. Observe tightening torque.



- Fasten housing top part [2] with the threaded pins [5]. Observe tightening torque.



- Fasten the cover [6] with the screws [7]. Observe tightening torque.

6. Dismounting of DHTG-...-P4E4/P4L12 (pneumatic and electric)

To mount an indexing conversion kit DADM-CK:

- Dismount housing top part [2] of the energy throughfeed in reverse sequence to mounting.

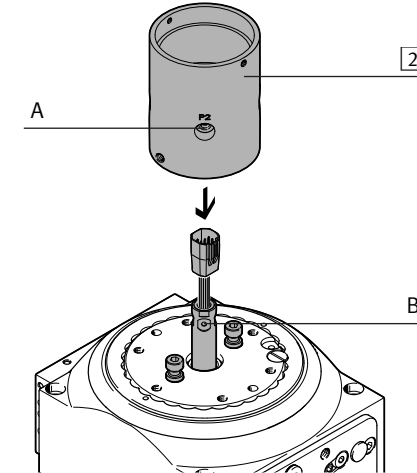
To dismount the plug connectors:

- Press interlock on the socket (F).

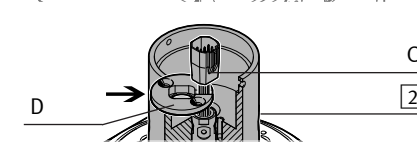
When dismantling:

- Mark air passage (B) for air connection P2 on the air tube.

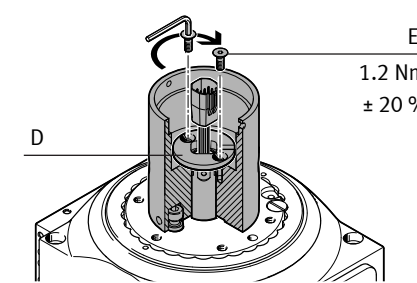
7. Mounting DHTG-...-P4E4/P4L12 (pneumatic and electric)



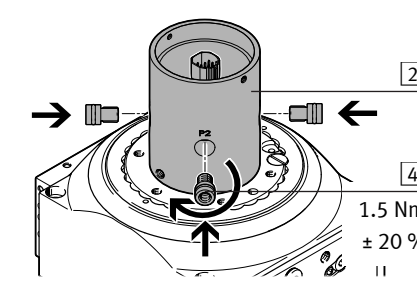
- Place housing top part [2] onto the air tube on the rotary indexing table.
- The air connection P2 (A) corresponds to the marked air passage (B).



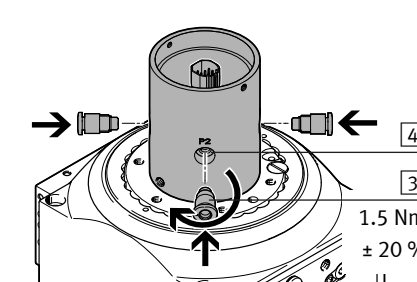
- Inside the housing top part [2]:
- Thread wires of the plug (C) through the cut-outs of the adapter (D).



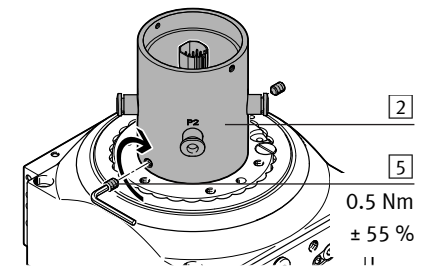
- Fasten adapter (D) with the screws (E). Observe tightening torque.



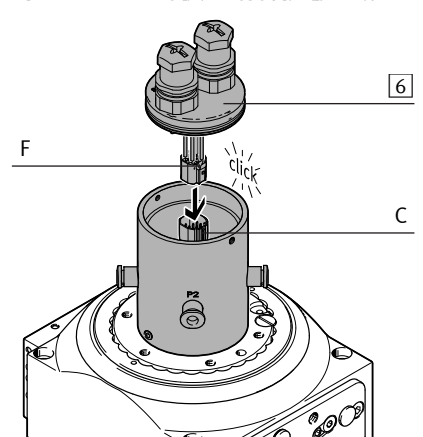
- Check:
- The air connection P2 must be aligned with the marked air passage (B).
 - The O-ring sits on the front side of the fitting [4].
- Screw fitting [4] into the housing top part [2]. Observe tightening torque.



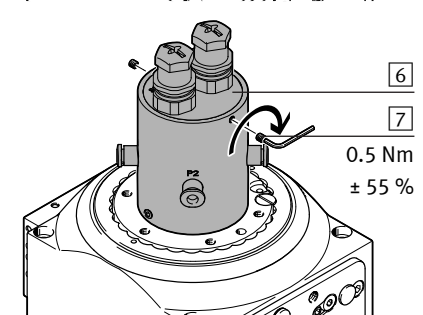
- Screw push-in fittings [3] into the screwed-in fittings [4]. Observe tightening torque.



- Fasten housing top part [2] with the threaded pins [5]. Observe tightening torque.



- Push socket (F) of the cover [6] onto the plug (C) until the interlock engages.
- Place lines carefully. Do not pinch!



- Fasten cover [6] with the threaded pins [7]. Observe tightening torque.