

HDC EN 0008

Topic: pneumatic modules

The technology

Nowadays the aim is to reduce plugging points. For this reason, in addition to current and voltage transmission, fiber optic cables and pneumatic connections are now also implemented in a connector. This is made possible by the modular HDC system ModuPlug

Pneumatic modules

- Required slots: 1
- mating cycles: ≥ 500
- Pollution degree: 3
- Operating pressure: 8 bar
- Ambient temperature Operating: -40°C...80°



Technical Background

In combination with a RockStar® housing and other electrical contacts of the ModuPlug series, our RockStar® ModuPlug pneumatic modules offer the possibility to realize hybrid configurations of compressed air, power, signal and data transmission in one connector. This combination is not only particularly compact, but also saves a lot of time during installation and maintenance.

1. Shut-off valves in the socket contact prevent the escape of compressed air even when the connector is disconnected.
2. Contacts for different pneumatic hose diameters (1.6 / 3 / 4 and 6 mm) provide flexibility.
3. Combinability with all inserts of the HDC RockStar® ModuPlug series enables a wide range of applications.

Part numbers pneumatic modules

Designation	Part number	Version
HDC MPN 3	2637340000	Contact insert module, number of poles: 3
HDC MPN 2	2637320000	Contact insert module, number of poles: 2
HDC MPN 6.0 M	2637350000	Contact 6 mm, male
HDC MPN 6.0 F	2637390000	Contact 6 mm, female
HDC MPN 6.0 SOF	2637400000	Contact 6 mm, female with valve
HDC MPN 4.0 M	2637410000	Contact 4 mm, male
HDC MPN 4.0 F	2637420000	Contact 4 mm, female
HDC MPN 4.0 SOF	2637430000	contact 4 mm, female with valve
HDC MPN 3.0 M	2637440000	Contact 3 mm, male
HDC MPN 3.0 F	2637450000	Contact 3 mm, female
HDC MPN 3.0 SOF	2637460000	Contact 3 mm, female with valve
HDC MPN 1.6 M	2637470000	Contact 1.6 mm, male
HDC MPN 1.6 F	2637480000	Contact 1.6 mm, female
HDC MPN 1.6 SOF	2637490000	Contact 1.6 mm, female with valve