

Pneumatic Grippers

Festo introduces parallel, three-point, radial, and angle pneumatic grippers to the DHxS series. The grippers feature optimized gripping force retention and overload



protection as well as integrated sensor slots. Compression spring-assisted gripping force retention provides security in the event of a pressure failure. In addition, T-slot guides increase the torque resistance of the gripper jaws. Double-acting piston drive gives the series stable kinematics and maximum repetition accuracy. Reliable SMx-8 sensors provide contactless end-position sensing, and SMAT-8M sensors provide 0-10V analog position feedback. The DHxS series has a slim, compact design without any interference contours caused by external sensors. The integrated fixed orifice restrictor provides an effective safety buffer, which protects against overloading during high-speed gripper motion and prevents damage due to excessive force. There are a wide range of mounting options, gripper sizes, and stroke lengths.

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<http://www.festo.com/us> [1]

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