

Guided Twin-piston Cylinder DGTZ

Ideal for clamping, lifting, and stopping applications

FESTO

The DGTZ from Festo is a compact double piston cylinder with the drive and guide unit combined in a single housing. A large stroke range is available with options from 10mm to 100mm.

This cylinder is ideal for clamping, lifting, and stopping applications. It is also great for use in the electronics industry because the cylinder is free of copper. Mounting and connection is made simple with built-in pneumatic ports and sensor slots on one side.



- Minimal space requirement
- Minimal mounting time
- High resistance to torques and lateral forces
- High rigidity thanks to its guide rods with large diameter and two plain-bearing bushes
- Wide range of mounting options
- Actuator and guide unit in a single housing

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Deep Learning eBook

How Deep Learning is different than Machine Vision

COGNEX

Deep Learning thrives when inspection isn't clear cut

Deep learning technology might seem cutting edge, but it's a perfect complement to machine vision inspection applications now. In this quick video overview and downloadable eBook we'll explain the differences between the two inspection approaches and when it makes sense to use deep learning or traditional machine vision for your factory automation strategy.



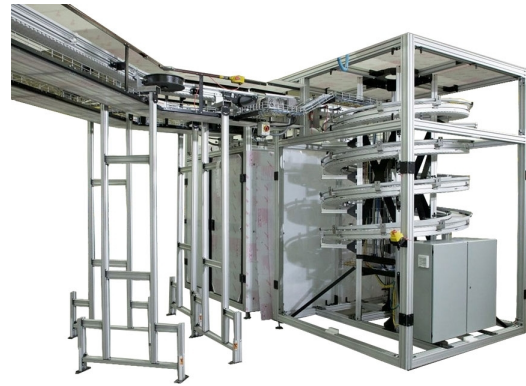
This eBook cover these topics:

1. How deep learning differs from machine vision
2. How deep learning systems learn via neural networks
3. Which types of applications are best suited to deep learning methods
4. How deep learning benefits industrial manufacturing

DOWNLOAD eBook

From miniature conveyors moving small medical products to large tote systems for prescription fulfillment applications, Dorner has a wide variety of medical solutions.

Dorner's FlexMove conveyors and [2200 Series Precision Move Pallet](#) conveyors enable custom configurations that allow flexible shaped medical devices that can't be transported directly on a conveyor to travel on pallets.



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ICON™ Intelligent Connection Technology
Intelligent tools for better results



Industry 4.0 is driving efficiency and quality improvements at manufacturing facilities around the world. ICON™ technology integrates with Industry 4.0 systems to prevent common problems in leak testing while improving safety of function tests and filling applications. With ICON™ Tools, if a product fails a leak test, you know the Connection Tools weren't at fault.



SURE SEAL™ - Instant LED feedback verifies good connection prior to starting test. Prevent short-connects before pressurized media is introduced.

SEAL LIFE™ - Automatic alert when the main seal is at end of life and must be replaced

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Compact Rail & Compact Rail Plus
The compliant linear guide



Rollon's Compact Rail series are self-aligning linear guides with bearing and a C-profile made of cold-drawn carbon steel, introduction hardened and ground raceways. They solve misalignment issues, reduces machining time and avoids increased application costs.



The Compact Rail Plus is available with double row ball bearings for high load capacities.

- **Self-aligning system** – avoids machining mounting surfaces and reduces assembly time
- **Lateral sealing** – provides greater protection against contamination in dirty

environments

- **Induction hardened raceway** – hardness between 58 and 62 HRC provides long lifetime
- **High dynamics** – Speed up to 9 m/s, acceleration up to 20m/s^2

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