



Rail Lock Actuator Holds Guides in Place

Challenge:

A manufacturer needed a way to lock down a linear guide system after moving a platform. The method they were currently using would not keep the platform in place, causing the products to move, which caused failures.

Solution:

Bimba developed a solution that allowed for remote actuation and gave the operator an easy way to lock a platform or guide during setup. The rail lock, which unlocks with pressure, was mounted on the rail and did not replace the bearing carriage. This design was an extension of Bimba's rod lock technology.

Benefits:

- Remote actuation.
- Easy set-up.

Other Applications:

- Work Cell Changing
- Fixture Changing
- Material Handling

