Robotic Hand Changer for Hollow-Arm Robot

Suitable for YASKAWA MOTOMAN-GP25 (GP12)

Robotic Hand Changer with 25kg Payload and 0.003mm Repeatability
Directly Mounted to YASKAWA MOTOMAN-GP25 and GP12

Zero Interference
Since wiring and piping around the robot wrist is set in the robot, stroke range of the robot can be fully used. The robot can be set up quickly without considering interference during teaching.

High Rigidity with Non-Backlash Mechanism
Equipped with Kosmek exclusive non-backlash mechanism, there is no backlash when connected, making it highly rigid and strong to "bending" and "twisting". This enables to use robot’s full ability, and allows for higher durability and longer operation life.

Direct Mounting
Able to mount to YASKAWA Robots "MOTOMAN-GP25" and "MOTOMAN-GP12" directly. No middle bracket is required for reduction of the preparation.

3 μm Repeatability when Connected
Repeatability when connected is 3 μm even after 1 million use. Even with long tools or hands, fluctuation of the edge is extremely small, and it secures the aimed position.

Robotic Hand Changer
model SWRY0135
Standard Robotic Hand Changer model SWR0250

Simple Wiring Possible

Robotic Hand Changer for Hollow-Arm Robot model SWRY0135

Specifications

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<th>Model No.</th>
<th>Master Cylinder</th>
<th>Tool Adapter</th>
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<td>SWRY0135—M—B</td>
<td>SWRY0135—T—B</td>
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- Payload: kg 25
- Repeatability: mm 0.003
- Lift Stroke: mm 1.0
- Allowable Bending (at 0.5MPa): N·m 68
- Static Moment Twisting: N·m 91
- Product Weight (Body Part): Master Cylinder g About 600, Tool Adapter g About 350
- Air Port: M5 × 0.8 × 4 ports
- Operating Air Pressure: MPa 0.35 ~ 1.0
- Operating Temperature: °C 0 ~ 70
- Usable Fluid: Dry Air
- Electrode Specification: DC24/3A 8 pins

http://www.kosmek.com