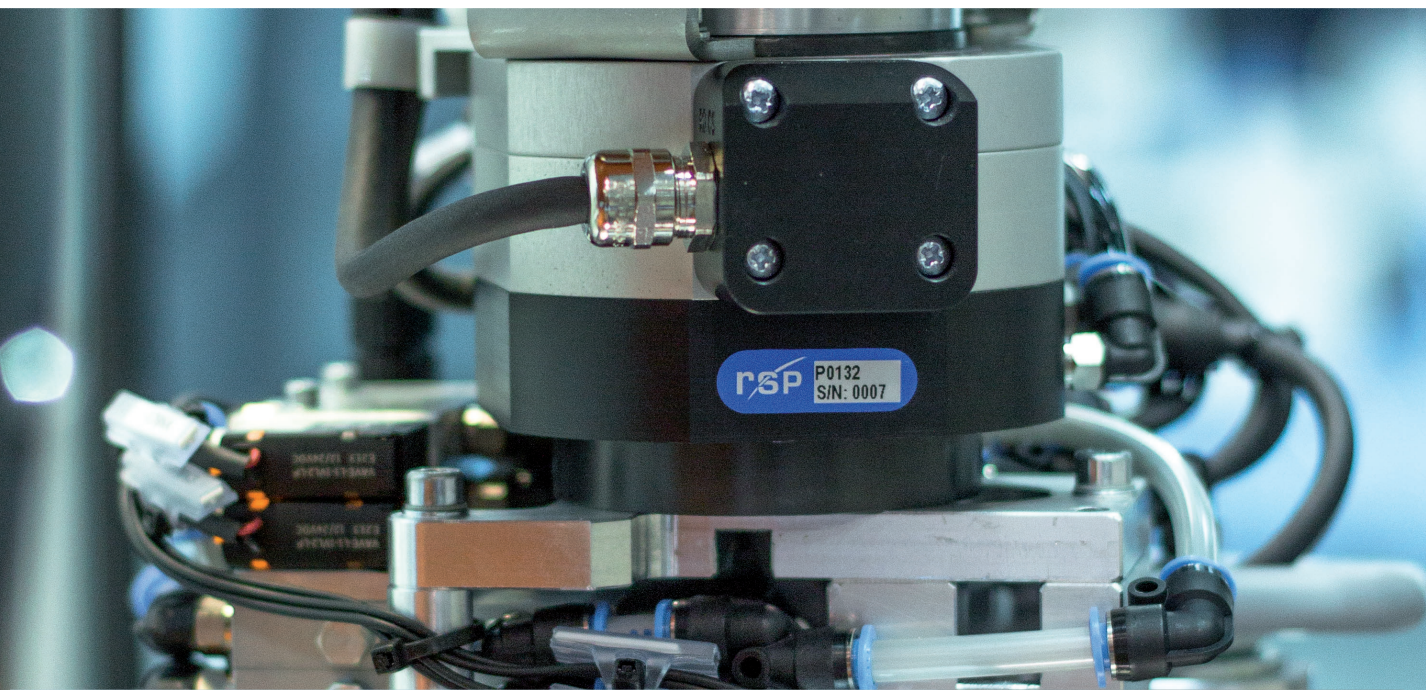


UNLOCK FULL

Axis 6 Movement



FREE ROTATION

Thanks to the swivel, a free rotation of the robot axis 6 is available, without affecting the hose package installation. This makes offline programming much more reliable.



WIDE ASSORTMENT

Thanks to the wide assortment of adaptation kits, the swivels can be used on almost any robot. The range of sizes also makes it usable in both small and large sized applications.



EXTENDED LIFETIME

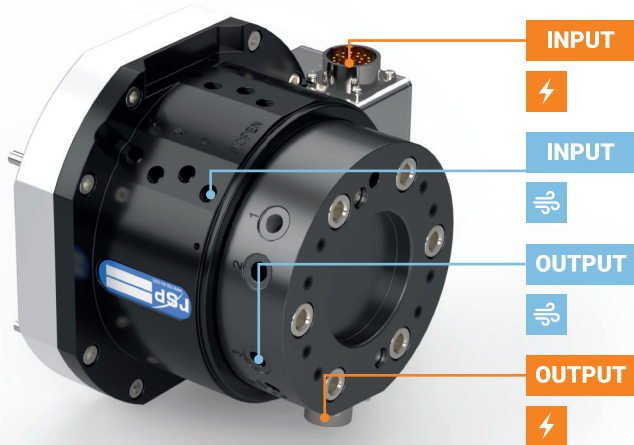
By using a swivel you extend the lifetime of your hose package as it results in less interference and minimum wear. A great way to avoid unexpected production stops.

MAXIMIZE ROBOT UPTIME

With RSP's swivels, the robot axis 6 can rotate freely. Thanks to this you minimize wear on the hose package, while uptime and productivity are increased. Used together with our hose packages the full working range of the robot can be utilized without any hose package interference.

Problems with worn out hose packages are common in the world of robotics. However, by using a Swivel you can minimize the wear by limiting the hose package movement. Not only does it allow free movement of axis 6, also axis 4 and 5 are able to rotate unimpeded. RSP has developed our own patented slip ring solution for maximized reliability. The swivels are available for robots with payload up to 350 kg.





EXTENDED WORKING RANGE

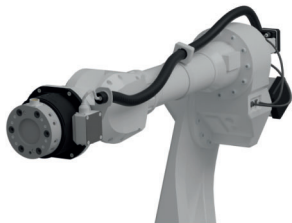
Using a swivel from RSP, the injection moulding company Denk Kunststoff Technik, extended the axis 6 working range of their robots.

In the production of injection moulded parts for the automotive industry, very high equipment efficiencies are required. Denk Kunststoff Technik, working with RSP, found a smart solution to improve equipment utilisation by adding more flexibility, expanding the types of applications that can be accomplished and by reducing downtime. These improvements were accomplished thanks to implementing swivels from RSP.



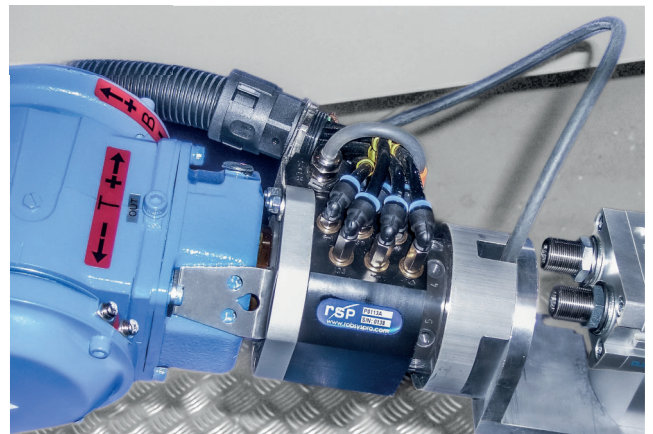
WITHOUT SWIVEL

Cable wear increases, with the risk to cause unpredictable downtime and production losses.



WITH SWIVEL

Axis 6 is allowed to rotate freely. Hose package wear is significantly reduced.



TRANSFERABLE MEDIA

- COMPRESSED AIR
- COOLING WATER
- ELECTRIC SIGNALS
- WELD POWER
- SERVO MOTOR POWER AND FEEDBACK

Article	Handling capacity	Built-in air channels	Max electric signals
S5	5 kg	up to 4	N.A.
S20	20 kg	up to 6	8
S100	100 kg	up to 8	19
S250	250 kg	up to 8	18
S350	350 kg	up to 8	14

Robot System Products | Swivels

WE ARE ROBOT SYSTEM PRODUCTS

RSP stands at the forefront of the industrial automation industry as a renowned global leader in delivering cutting-edge solutions for enhancing the performance and versatility of industrial robots. Our cutting-edge solutions empower you to optimize your robotic systems for maximum performance and efficiency, positioning you at the forefront of modern manufacturing.

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