

Controls_KRC ROBOTstar



The new robot control KRC ROBOTstar from KUKA Industries integrates the innovative Reis robot control ROBOTstar-VI smoothly with the control platform of the KRC4. This solution offers all standard components of the KUKA KRC4 hardware (control cabinet, servos, drive bus and I/O) combined with the proven, self-explanatory operation concept of the ROBOTstar control.

Application and programming via the modern Touch operating unit reispAD is outstanding.

KRC ROBOTstar is based on open transmission standards to permit digital communication with any other network subscribers. KRC ROBOTstar thus revolutionizes operation and control of automation systems: Whether host computer, external programming and simulation systems, external PLC or conventional tablet PCs: all systems can be linked with the robot control – during programming or during execution and monitoring of processes.

KRC ROBOTstar is the ideal basis as user interface (HMI) for all future applications of the intelligent factory. At the same time it is based on established, renowned, industrially proven technologies and concepts like e.g. OPC UA, for a smooth integration in Industry 4.0 applications.

KRC ROBOTstar – Highlights at a glance:

- Faster and more efficient programming
- reispAD – suitable for industrial use, safe, intuitive
- Matchless combination of simulation and online connection via the proven ProVis user interface
- Visualization of the actual status of the robot and its production environment
- App-Store makes available complete function packages for download (e.g. oscillation function for welding tasks)
- reispAD smart-Integration, for representation and remote operation of user interfaces of external devices.
- TiltMove with the reispAD – moves robots as easily as in a video game
- Programming also with standard Tablet-PCs (for safety reasons without manual movement of the robot)

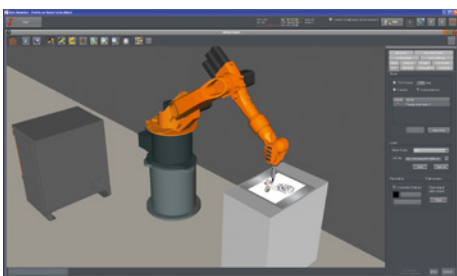
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KRC ROBOTstar – State-of-the-art control technology

Technical data_Touch based reisPAD

Graphical, intuitive touch user interface
Loadable apps for quick function extension in robot processes
Visualization of real robot movements
Highest safety due to emergency-off button and confirmation key as only mechanical elements
IntegratedSafety plus Safety Controller for personnel protection in the robot work envelope
Programming of different controls on one interface
Central operating entity for complete processes or systems
Superimposing of external process data



ProVis –
intuitive programming and simulation



TouchMotion –
move robot in intuitive and analog way



Foreign external user interfaces
can be operated via **reisPAD**

For further information please contact us at
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