



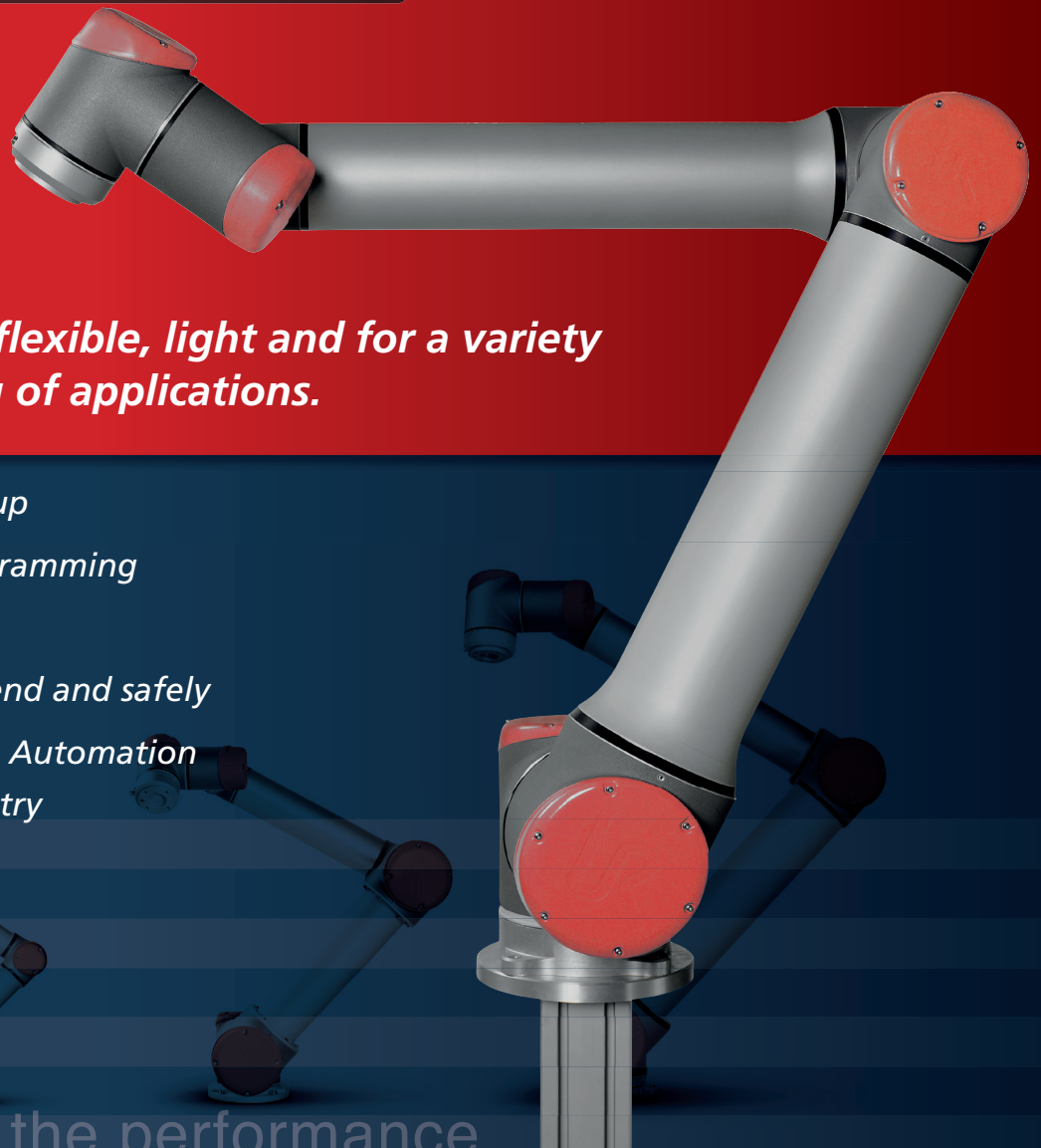
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Samsys-SR10

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***Extremely flexible, light and for a variety
developing of applications.***

- » *Quickly set up*
- » *Simple programming*
- » *Flexible use*
- » *Kollaborierend and safely*
- » *Fastest Time Automation
in the industry*



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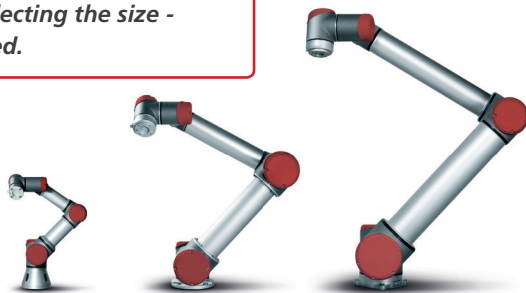
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TECHNICAL SPECIFICATIONS!

6-axis robotic arm with a working radius of 1,300 mm

| | | | |
|--------------------------------|--|---------|----------------|
| Weight: | 28,9 kg | | |
| Load: | 10 kg | | |
| Reach: | 1300 mm | | |
| Rotation of the joints: | +/- 360° at all joints | | |
| Speed: | Foot and shoulder joint: 120 ° / s. Elbow and wrist 1-3: 180 ° / s. Tool interface: about 1 m / s. | | |
| Repeatability: | +/- 0,1 mm | | |
| Footprint: | Ø190 mm | | |
| number of joints: | 6 Swivels | | |
| Cabinet size: | (B x H x T): 475 mm x 423 mm x 268 mm | | |
| I / O ports: | | Cabinet | Tool interface |
| | Digital inputs | 16 | 2 |
| | Digital outputs | 16 | 2 |
| | Analog Inputs | 2 | 2 |
| | Analog outputs | 2 | - |
| I / O power supply: | 24V 2A in the control cabinet and 12 V / 24 V 600 mA at the tool interface | | |
| Communication: | TCP/IP 100 Mbit: IEEE 802.3u, 100BASE-TX Ethernet jack & Modbus TCP | | |
| Programming: | PolyScope graphical user interface on a 12 „touch screen with mounter | | |
| Programming: | Manually run the robot and teaching via the programming panel | | |
| Protection class: | IP54 | | |
| Power Consumption: | Ca. 350 Watt | | |
| Collaborating operation: | 15 advanced security features | | |
| Collaborating operation after: | EN ISO 13849:2008 PL d EN ISO 10218-1:2011, section 5.4.3 | | |
| Material: | Aluminum, ABS plastic, PP plastic | | |
| Temperature: | The robot can operate at an ambient temperature of 0-50 ° C | | |
| Power Supply: | 100-240 VAC, 50-60 Hz | | |
| Cabling: | Cable between robot and control cabinet (6 m) Cable between touchscreen and control cabinet (4,5 m) | | |

SAMSYS is happy to help when selecting the size - As needed.



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