

SCARA robot with three degrees of freedom



- Splash-proof thanks to protection class IP 44
- Tribologically optimised robot joints
- Joining links made of stainless steel
- Software available free of charge
- igus® Robot Control ► **Page 718**



Test the software free of charge

Technical data

		3 DOF ¹⁶⁸⁾
Part No.		RL-SCR-0102 New
Payload	[N]	20
Reach	[mm]	560
Speed	[Picks/min]	30
Min. service life	[Cycles]	10 million
IP protection class		IP44 splash water
Weight	[kg]	4.8
Workspace	[mm]	560
Precision (repeatability)	[mm]	±0.5
Max. acceleration	[m/s ²]	1.5
Max. speed (TCP)	[m/s]	1.0
Ambient temperature	[°C]	0 to +50
Control system as a top-hat (DIN) rail version		RL-SCR-0102-48-0002-00-0
Control system as a switch cabinet version		RL-SCR-0102-48-0004-00-0



For more information, see the technical data sheet

► www.igus.eu/SCARA

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Technical data

		4 DOF ¹⁶⁸⁾
Part No.		RL-SCR-0101 New
Payload	[N]	20
Reach	[mm]	560
Reach along the z-axis	[mm]	500, can be customised upon request
Speed	[Picks/min]	30
Min. service life	[Cycles]	10 million
IP protection class		IP45 splash water
Weight	[kg]	8.7
Workspace	[mm]	560 x 500
Precision (repeatability)	[mm]	±0.5
Max. acceleration	[m/s ²]	1.5
Max. speed (TCP)	[m/s]	1.0
Ambient temperature	[°C]	0 to +50
Control system as a top-hat (DIN) rail version		RL-SCR-0101-48-0002-00-0
Control system as a switch cabinet version		RL-SCR-0101-48-0004-00-0



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¹⁶⁸⁾ DOF: degree of freedom

SCARA robot with four degrees of freedom, with cladding



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Technical data

		4 DOF ¹⁶⁸⁾
Part No.		RL-SCR-0100 New
Payload	[N]	20
Reach	[mm]	560
Reach along the z-axis	[mm]	500
Speed	[Picks/min]	30
Min. service life	[Cycles]	10 million
IP protection class		IP45 splash water
Weight	[kg]	20.3
Workspace	[mm]	560 x 500
Precision (repeatability)	[mm]	±0.5
Max. acceleration	[m/s ²]	1.5
Max. speed (TCP)	[m/s]	1.0
Ambient temperature	[°C]	0 to +50
Control system as a top-hat (DIN) rail version		RL-SCR-0100-48-0002-00-0
Control system as a switch cabinet version		RL-SCR-0100-48-0004-00-0



For more information, see the technical data sheet

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