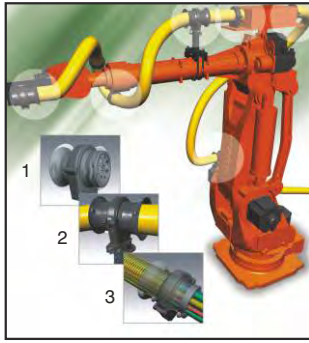


ROBO-KIT



CABLE PROTECTION SYSTEM FOR ROBOTS: ROBO-KIT

ROBO-KIT is a specially designed cable protection system for robots. The system allows for friction and interference free movement of cables connected to the robots. This system if used, allows for free movement of the robot while substantially enhancing the life of the cables.

The system consists of various components (shown below) which are assembled together to provide various different types of joints and terminations for the handling of the data and power cables of the robot as shown in figures 1, 2 & 3.

Product	Description / Part No.	Conduit Size	Width	Height	Length	Outside Diameter
	Abrasions Protector RKTP	22	28	46.4	-	46.4
		28	30	53	-	53
		36	30	62	-	62
		48	30	80	-	80
		56	40	93.2	-	93.2
		70	40	108	-	108
		95	45	131.5	-	131.5
	Connection Ring RKTC	48	50	78	-	78
		56	60	90.2	-	90.2
		70	60	105	-	105
		95	65	128.5	-	128.5
	Clamp RKC	22	30	50	49	45
		28	30	59.5	58.8	53.5
		36	45	88.3	90.2	76
		48	49.5	105	128.2	98
		56	40	138.1	150.1	116.2
		70	40	145.5	164.9	131
		95	50	169.3	190.9	154.5
	Tube Ball Joint RKS	22	50	23	23	23
		28	60	27	27	27
		36	100.3	80.5	80.5	80.5
		48	89	92.3	92.3	92.3
		56	102	105.3	105.3	105.3
		70	102	120.1	120.1	120.1
		95	120	144.2	144.2	144.2
	Tube Ball Joint Sleeve RKD	22	50	23	23	23
		28	60	27	27	27
		36	120	83	83	83
	Strain Relief Insert RKSC	22	10.5	29.5	-	29.5
		28	13	34.5	-	34.5
		36	20.6	44.6	-	44.6
		48	22	67.5	-	67.5
		56	26	81.2	-	81.2
		70	26	96	-	96
		95	35	119.5	-	119.5
	Rotating Connector RKR	22	56	25.7	-	56
		28	56	25.7	-	56
		36	98	42	-	98
		48	98	42	-	98
		56	98	42	-	98
		70	98	42	-	98
		95	120	37	-	120
	Cable manager VCG	22	10.5	25.5	-	25.5
		28	13	30.5	-	30.5
		36	20.6	40.6	-	40.6
		48	24	62.5	-	62.5
		56	34	75.8	-	75.8
		70	34	90	-	90
		95	43	113.5	-	113.5
	Conduits	PAR-22B/G	Inner Dia (mm)	21.7	External Dia (mm)	28.5
		PAR-28B/G		27.8		34.5
		PAR-36B/G		36		42.5
		PAR-48B/G		46.5		54.5
		PAR-56B/G		56.3		67.2
		PAR-70B/G		70		82.5
		PAR-95B/G		91.5		106