

Cable selection by motor power class (One-Motor Cable connectivity)

Motor	Hybrid cable	Power cross section (UVW-PE)	Connector size	
SH30401	VW3ED132R●●●, VW3EF132R●●●	4x 1.5 mm ²	M17 9 pin Quick lock	
SH30402				
SH30551				
SH30552				
SH30553				
SH30701	VW3ED143R●●●, VW3EF143R●●●		4x 1.5 mm ²	M23 9 pin Quick lock
SH30702				
SH30703				
SH31001				
SH31002				
SH31003	VW3ED144R●●●, VW3EF144R●●●	4x 2.5 mm ²		M23 9 pin Quick lock
SH31004				
SH31401				
SH31402				
SH31403				
SH31404	VW3ED145R●●●, VW3EF145R●●●		4x 2.5 mm ²	M40 9 pin Quick lock

Hybrid cables (One-Motor Cable connectivity)

Designation	Description	From servo motor	To servo drive	Composition	Length		Reference	Weight	
					m	ft		kg	lb
Hybrid cables for “One-Motor Cable connectivity” 	Shielded cables equipped with a Quick lock M17 connector (servo motor end) and an RJ45 connector for the Encoder and free leads for Motor and holding brake (servo drive end) 	SH3 “One-Motor Cable”	Lexium 62	4x 1.5 mm ² + 2x 0.75 mm ² + 2x AWG 24	2	6.56	VW3ED132R020	0.460	1.01
					3	9.84	VW3ED132R030	0.670	1.48
					4	13.12	VW3ED132R040	0.880	1.94
					5	16.40	VW3ED132R050	1.090	2.40
					8	26.25	VW3ED132R080	1.720	3.79
					10	32.81	VW3ED132R100	2.130	4.70
					15	49.213	VW3ED132R150	3.180	7.01
					20	65.617	VW3ED132R200	4.220	9.30
					25	82.021	VW3ED132R250	5.270	11.62
					30	98.425	VW3ED132R300	6.310	13.91
					35	114.829	VW3ED132R350	7.360	16.23
					40	131.234	VW3ED132R400	8.400	18.52
					45	147.638	VW3ED132R450	9.450	20.83
					50	164.042	VW3ED132R500	10.490	23.13
	Shielded cables equipped with a Quick lock M23 connector (servo motor end) and an RJ45 connector for the Encoder and free leads for Motor and holding brake (servo drive end) 	SH3 “One-Motor Cable”	Lexium 62	4x 1.5 mm ² + 2x 0.75 mm ² + 2x AWG 24	2	6.56	VW3ED143R020	0.570	1.26
					3	9.84	VW3ED143R030	0.780	1.72
					4	13.12	VW3ED143R040	0.990	2.18
					5	16.40	VW3ED143R050	1.200	2.65
					8	26.25	VW3ED143R080	1.830	4.03
					10	32.81	VW3ED143R100	2.250	4.96
					15	49.213	VW3ED143R150	3.290	7.25
					20	65.617	VW3ED143R200	4.340	9.57
					25	82.021	VW3ED143R250	5.380	11.86
					30	98.425	VW3ED143R300	6.430	14.18
					35	114.829	VW3ED143R350	7.470	16.47
					40	131.234	VW3ED143R400	8.520	18.78
					45	147.638	VW3ED143R450	9.560	21.08
					50	164.042	VW3ED143R500	10.610	23.39
		SH3 “One-Motor Cable”	Lexium 62	4x 2.5 mm ² + 2x 1.0 mm ² + 2x AWG 24	2	6.56	VW3ED144R020	0.730	1.61
					3	9.84	VW3ED144R030	1.010	2.23
					4	13.12	VW3ED144R040	1.300	2.87
					5	16.40	VW3ED144R050	1.590	3.51
					8	26.25	VW3ED144R080	2.440	5.38
					10	32.81	VW3ED144R100	3.020	6.66
					15	49.213	VW3ED144R150	4.450	9.81
					20	65.617	VW3ED144R200	5.880	12.96
					25	82.021	VW3ED144R250	7.310	16.12
					30	98.425	VW3ED144R300	8.740	19.27
					35	114.829	VW3ED144R350	10.170	22.42
					40	131.234	VW3ED144R400	11.600	25.57
					45	147.638	VW3ED144R450	13.030	28.73
					50	164.042	VW3ED144R500	14.460	31.88