



Standard flexible control cables - 4-Norm SL UL-CSA-HAR-SEV  
UL, CSA, VDE/HAR, SEV unshielded



### Technical attributes

Conductor material	Cu, bare
Conductor type	cable blanc, fine stranded
Conductor standard	DIN VDE 0295
Conductor category	5
Core colours	to DIN VDE 0293 bk continuously numbered, protective earth gn/ye
Outer sheath	PVC
Outer sheath colour	grey
Temperature range min., mobile operation	-5 °C
Temperature range max., mobile operation	70 °C; (UL, CSA) 90 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	°C
Nominal voltage U <sub>0</sub> /U	300/500 V
Test voltage	3000 V
Insulation resistance	20 mind. MΩ x km
Minimum bending radius, fixed installation	7,5 x cable-Ø
RoHS-compliant	yes

### Description

For use for medium mechanical stress with free movement without tensile stress or forced movements in dry, moist and wet rooms, but not suitable in the open. Developed as control and connecting cables for machines, tool machineries, conveyor belts and production lines. For installation in moist and wet rooms, specially used for machines in breweries, bottling plants and car washing stations.

### Note

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### Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00303052	4-Norm SL 2 x 0,5	47,00	9,60	5,90	grey
00303001	4-Norm SL 3 G 0,5	62,40	14,40	6,20	grey
00303002	4-Norm SL 4 G 0,5	230,00	19,20	11,70	grey
00303003	4-Norm SL 5 G 0,5	87,10	24,00	7,40	grey
00303004	4-Norm SL 7 G 0,5	118,70	34,00	9,10	grey
00303005	4-Norm SL 12 G 0,5	198,00	58,00	11,30	grey
00303006	4-Norm SL 25 G 0,5	380,40	120,00	15,60	grey
00303007	4-Norm SL 34 G 0,5	509,00	163,00	18,70	grey
00303008	4-Norm SL 41 G 0,5	595,00	197,00	20,00	grey
00303053	4-Norm SL 2 x 0,75	61,00	14,40	6,30	grey



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00303009	4-Norm SL 3 G 0,75	75,60	22,00	6,70	grey
00303010	4-Norm SL 4 G 0,75	83,90	29,00	7,30	grey
00303011	4-Norm SL 5 G 0,75	113,30	36,00	8,40	grey
00303012	4-Norm SL 7 G 0,75	145,00	50,00	9,90	grey
00303013	4-Norm SL 12 G 0,75	244,90	86,00	12,20	grey
00303014	4-Norm SL 18 G 0,75	327,70	130,00	14,20	grey
00303015	4-Norm SL 25 G 0,75	466,40	180,00	17,40	grey
00303016	4-Norm SL 34 G 0,75	626,50	245,00	20,10	grey
00303017	4-Norm SL 41 G 0,75	748,00	296,00	21,90	grey
00303018	4-Norm SL 50 G 0,75	895,30	360,00	23,40	grey
00303057	4-Norm SL 2 x 1	70,00	19,20	6,30	grey
00303019	4-Norm SL 3 G 1	89,30	29,00	7,20	grey
00303020	4-Norm SL 4 G 1	98,60	39,00	7,80	grey
00303051	4-Norm SL 4 x AWG 18 (1,0mm <sup>2</sup> )	98,60	39,00	7,80	grey
00303021	4-Norm SL 5 G 1	132,10	48,00	9,00	grey
00303022	4-Norm SL 7 G 1	169,30	67,00	11,10	grey
00303049	4-Norm SL 7 x AWG 18 (1,0mm <sup>2</sup> )	169,30	67,00	11,10	grey
00303023	4-Norm SL 12 G 1	285,90	115,00	13,20	grey
00303024	4-Norm SL 18 G 1	405,20	173,00	16,00	grey
00303025	4-Norm SL 25 G 1	596,50	240,00	19,00	grey
00303026	4-Norm SL 34 G 1	741,70	326,00	22,40	grey
00303027	4-Norm SL 41 G 1	886,00	394,00	24,00	grey
00303028	4-Norm SL 50 G 1	1072,20	480,00	26,00	grey
00303050	4-Norm SL 50 x AWG 18 (1,0mm <sup>2</sup> )	1072,20	480,00	26,00	grey
00303029	4-Norm SL 61 G 1	1266,00	586,00	28,50	grey
00303030	4-Norm SL 65 G 1	1410,00	624,00	30,50	grey
00303055	4-Norm SL 2 x 1,5	95,00	29,00	7,50	grey
00303031	4-Norm SL 3 G 1,5	109,80	43,00	7,90	grey
00303032	4-Norm SL 4 G 1,5	140,70	58,00	9,00	grey
00303033	4-Norm SL 5 G 1,5	168,00	72,00	9,80	grey
00303034	4-Norm SL 7 G 1,5	224,20	101,00	12,20	grey



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00303035	4-Norm SL 12 G 1,5	361,70	173,00	14,50	grey
00303036	4-Norm SL 18 G 1,5	518,30	259,00	17,60	grey
00303037	4-Norm SL 25 G 1,5	729,90	360,00	20,70	grey
00303038	4-Norm SL 34 G 1,5	946,60	490,00	24,60	grey
00303039	4-Norm SL 41 G 1,5	1136,00	591,00	26,30	grey
00303040	4-Norm SL 50 G 1,5	1382,10	720,00	28,60	grey
00303041	4-Norm SL 61 G 1,5	1638,90	878,00	31,40	grey
00303056	4-Norm SL 2 x 2,5	159,00	48,00	8,90	grey
00303042	4-Norm SL 3 G 2,5	170,00	72,00	9,70	grey
00303043	4-Norm SL 4 G 2,5	210,00	96,00	11,00	grey
00303044	4-Norm SL 5 G 2,5	257,00	120,00	12,10	grey
00303054	4-Norm SL 5 x AWG 14 (2,5) bk	257,00	120,00	12,10	black
00303045	4-Norm SL 7 G 2,5	340,00	168,00	14,20	grey
00303046	4-Norm SL 12 G 2,5	580,00	288,00	17,80	grey
00303047	4-Norm SL 18 G 2,5	850,00	432,00	21,30	grey
00303048	4-Norm SL 25 G 2,5	1175,00	600,00	25,10	grey