LiYY



Application

These cables are used for flexible use with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air, wherever the construction requirements call for a minimum outer diameter, TRONIC is the suitable cable to use. This applies especially to such areas as tool making and machine industries as well as electronic, computer, measurement and control sectors.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

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Standards

adapted to DIN VDE 0812,
self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

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CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	special polyvinylchlorid compound (PVC) TI2 to DIN VDE 0281 part 1
Core Color	acc. to DIN 47100, without colour repetition
Stranding Elements	cores stranded in layers with optimalbr>lay-length
Outer Insulation Material	special PVC outer sheath TM2 to DIN VDE 0281 part 1
Constant Against	extensively oil resistant

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Technical Data

Nominal Voltage	U_0/U: 0 /0
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	1200 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C bis 80 °C
Operating Temperature moving	-5 °C bis 70 °C
Fire Classes	Eca

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Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	1200 V
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Elektronikleitungen
Electronic Cables

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
03102001	2 x 0,14	grey - grey	13,0	3,3
03102136	2 x 0,22	grey - grey	20,0	3,7
03102020	2 x 0,25	grey - grey	17,0	3,6
03102040	2 x 0,34	grey - grey	22,0	4,8
03102059	2 x 0,5	grey - grey	40,0	4,8
03102074	2 x 0,75	grey - grey	48,0	5,6
03102103	2 x 1	grey - grey	62,0	5,6
03102002	3 x 0,14	grey - grey	16,0	3,5
03102021	3 x 0,25	grey - grey	21,0	3,8
03102041	3 x 0,34	grey - grey	31,0	5,0
03102060	3 x 0,5	grey - grey	47,0	5,2
03102075	3 x 0,75	grey - grey	57,0	5,7
03102104	3 x 1	grey - grey	71,0	6,0
03102085	3 x 1,5	grey - grey	90,0	6,8
03102003	4 x 0,14	grey - grey	19,0	3,7
03102082	4 x 0,22	grey - grey	26,0	4,8
03102022	4 x 0,25	grey - grey	27,0	4,1
03102043	4 x 0,34	grey - grey	43,0	5,3
03102061	4 x 0,5	grey - grey	56,0	6,0
03102076	4 x 0,75	grey - grey	69,0	6,9
03102005	5 x 0,14	grey - grey	22,0	4,0
03102023	5 x 0,25	grey - grey	32,0	4,5
03102044	5 x 0,34	grey - grey	54,0	5,3
03102062	5 x 0,5	grey - grey	65,0	6,2

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Elektronikleitungen
Electronic Cables

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
03102077	5 x 0,75	grey - grey	78,0	7,5
03102006	6 x 0,14	grey - grey	27,0	4,3
03102024	6 x 0,25	grey - grey	40,0	5,0
03102045	6 x 0,34	grey - grey	56,0	5,8
03102063	6 x 0,5	grey - grey	73,0	6,3
03102124	6 x 0,75	grey - grey	88,0	7,5
03102007	7 x 0,14	grey - grey	28,0	4,5
03102025	7 x 0,25	grey - grey	42,0	6,0
03102046	7 x 0,34	grey - grey	62,0	6,2
03102064	7 x 0,5	grey - grey	82,0	6,5
03102078	7 x 0,75	grey - grey	110,0	8,2
03102008	8 x 0,14	grey - grey	35,0	4,7
03102026	8 x 0,25	grey - grey	49,0	6,2
03102047	8 x 0,34	grey - grey	73,0	6,5
03102065	8 x 0,5	grey - grey	90,0	7,5
03102079	8 x 0,75	grey - grey	126,0	9,0
03102009	10 x 0,14	grey - grey	41,0	5,4
03102027	10 x 0,25	grey - grey	58,0	7,2
03102048	10 x 0,34	grey - grey	82,0	7,8
03102066	10 x 0,5	grey - grey	117,0	8,1
03102010	12 x 0,14	grey - grey	48,0	5,6
03102028	12 x 0,25	grey - grey	67,0	7,5
03102049	12 x 0,34	grey - grey	102,0	8,0
03102067	12 x 0,5	grey - grey	133,0	9,0

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03102080	12 x 0,75	grey - grey	176,0	11,1
03102011	14 x 0,14	grey - grey	53,0	5,9
03102029	14 x 0,25	grey - grey	75,0	8,0
03102050	14 x 0,34	grey - grey	109,0	8,5
03102012	16 x 0,14	grey - grey	59,0	6,2
03102030	16 x 0,25	grey - grey	84,0	8,4
03102051	16 x 0,34	grey - grey	127,0	8,7
03102068	16 x 0,5	grey - grey	170,0	10,0
03102013	18 x 0,14	grey - grey	65,0	6,9
03102031	18 x 0,25	grey - grey	93,0	8,8
03102052	18 x 0,34	grey - grey	135,0	9,5
03102069	18 x 0,5	grey - grey	159,0	10,2
03102132	20 x 0,14	grey - grey	70,0	7,1
03102032	20 x 0,25	grey - grey	102,0	9,3
03102092	20 x 0,34	grey - grey	160,0	9,8
03102101	20 x 0,5	grey - grey	214,0	11,2
03102014	21 x 0,14	grey - grey	77,0	7,6
03102033	21 x 0,25	grey - grey	118,0	8,6
03102053	21 x 0,34	grey - grey	167,0	10,3
03102070	21 x 0,5	grey - grey	180,0	10,5
03102015	24 x 0,14	grey - grey	89,0	8,3
03102034	24 x 0,25	grey - grey	122,0	9,5
03102054	24 x 0,34	grey - grey	188,0	11,0
03102071	24 x 0,5	grey - grey	266,0	12,5

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03102112	25 x 0,14	grey - grey	97,0	7,7
03102120	25 x 0,25	grey - grey	125,0	9,5
03102100	25 x 0,34	grey - grey	192,0	11,0
03102016	27 x 0,14	grey - grey	97,0	8,5
03102035	27 x 0,25	grey - grey	139,0	9,3
03102091	27 x 0,34	grey - grey	206,0	11,2
03102017	30 x 0,14	grey - grey	108,0	8,8
03102036	30 x 0,25	grey - grey	155,0	10,2
03102055	30 x 0,34	grey - grey	226,0	11,8
03102072	30 x 0,5	grey - grey	304,0	13,5
03102018	32 x 0,14	grey - grey	112,0	9,1
03102089	32 x 0,25	grey - grey	164,0	10,5
03102056	32 x 0,34	grey - grey	245,0	12,0
03102019	36 x 0,14	grey - grey	127,0	9,3
03102037	36 x 0,25	grey - grey	182,0	10,8
03102057	36 x 0,34	grey - grey	284,0	12,3
03102139	37 x 0,34	grey - grey	292,0	12,9
03102088	40 x 0,14	grey - grey	139,0	9,5
03102038	40 x 0,25	grey - grey	211,0	11,5
03102058	40 x 0,34	grey - grey	317,0	13,8
03102102	40 x 0,5	grey - grey	392,0	15,8
03102119	44 x 0,25	grey - grey	225,0	12,6
03102083	52 x 0,25	grey - grey	263,0	13,0
03102118	52 x 0,34	grey - grey	430,0	15,4

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