



## Novotronic LiYY

### PVC-sheathed electronic cable

#### Specification

STANDARD	VDE 0295, DIN 47 100
RATED VOLTAGE U <sub>0</sub> /U CONTROL CORES	300V
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	PVC
CORE IDENTIFICATION	Colour coded acc. to DIN 47100
OUTER SHEATH	PVC
SHEATH COLOUR	Grey RAL 7001
BENDING RADIUS FIXED	15 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-30°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	0,14mm <sup>2</sup> 1200V, ≥ 0,25mm <sup>2</sup> 1500V
INSULATION RESISTANCE	≥20 MOhm x km
FLAME RETARDANT	IEC 60332-1

#### Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIAMETER MM	WEIGHT KG/100M
4852300	2x0,14	3.3	1.2

4852310	3x0,14	3.4	1.5
4852320	4x0,14	3.7	1.7
N7850050	5x0,14	4	2.2
N7850060	6x0,14	4.4	2.5
4852350	7x0,14	4.4	2.6
N7850080	8x0,14	4.7	2.9
4852370	10x0,14	5.4	3.5
4852380	12x0,14	5.6	4.4
N7850160	16x0,14	6.3	5.2
N7850200	20x0,14	6.8	6.5
N7850270	27x0,14	8.1	9.7
N7850400	40x0,14	9.3	12.9
4852600	2x0,25	3.8	1.7
4852610	3x0,25	4	2.1
4852620	4x0,25	4.6	2.6
4852630	5x0,25	4.9	3
N7851060	6x0,25	5.4	3.6
4852650	7x0,25	5.4	3.9
N7851080	8x0,25	6.1	4.4
N7851100	10x0,25	7	5.4
4852680	12x0,25	7.2	6.3
4852700	16x0,25	8.1	8.4
N7851180	18x0,25	7.9	9.1
N7851200	20x0,25	9.1	10.1
4852730	21x0,25	8.9	10.6
N7851320	32x0,25	10.5	16.4
N7851360	36x0,25	11.1	18.1
N7851400	40x0,25	11.7	19.8
4852900	2x0,34	4.3	2
4852910	3x0,34	4.5	2.5
4852920	4x0,34	5.2	3.1
4852930	5x0,34	5.7	3.8
N7852060	6x0,34	6.1	4.5
4852950	7x0,34	6.1	4.8
N7852080	8x0,34	6.6	5.4
N7852100	10x0,34	7.6	6.6
4852980	12x0,34	8.2	7.7

N7852160	16x0,34	85	11.9
4853010	18x0,34	9.5	13.5
N7852210	21x0,34	100	16.4
4853040	24x0,34	110	17.1
N7852300	30x0,34	12	20.7
N7852320	32x0,34	121	21.8
N7852360	36x0,34	12.5	24.2
4853090	40x0,34	135	31.6
4852800	2x0,5	4.9	2.5
4852810	3x0,5	5.3	3.3
4852820	4x0,5	6	4.2
4852830	5x0,5	6.5	4.9
4852840	7x0,5	7	6.5
N7853080	8x0,5	8	7.4
4852850	10x0,5	9.2	9.5
4852860	12x0,5	9.5	11
N7853160	16x0,5	10.5	14.3
N7863260	25x0,5	13.2	25.5
N7853400	40x0,5	16	34.5
N7854020	2x0,75	5.1	35
N7854030	3x0,75	5.5	4.2
N7854040	4x0,75	6.2	5.3
N7854050	5x0,75	67	6.9
N7854070	7x0,75	7.7	11
N7854080	8x0,75	8.3	12.5
N7854120	12x0,75	10.3	17.6