JZ-500 flexible, number coded, meter marking

기술사양

- 제어용 케이블, 특수 PVC
- DIN VDE 0245, 0281, 0293,0295 규격
- **온도범위**
  이송시 -15°C[1] ~ 80°C
  고정 설치시 -40°C ~ 80°C
- **정격전압** U_0/U 300/500V
- **시험전압** 4000V
- **절연파괴전압** 최소 8000V
- **절연저항** 최소 20 MOhm x km
- **최소 곡률 반경**
  이송시 7.5 x cableø
  고정설치시 4 x cableø
- **내 방사선 성능**
  up to 80 x 10^6cJ/Kg(up to 80Mrad)
- [1] cold bending test, impact resistance test at low temperatures, elongation test at low temperatures. Tested according VDE 0473 Teil 811-1-4, EN 60811-1-4

케이블 구조

- 미세동선, DIN VDE 0295 cl.5,
  BS 6360 cl.5와 IEC 60228 cl.5 규격
- 특수 PVC Z7225의 절연피복
- 흑색 피복선에 백색 연속 번호
  DIN VDE 0293 규격(다른 색깔도 가능)
- 황-녹색 접지선
- 코아 최적 피치로 코아 적층 연선
  DIN VDE 0281 part1과 HD 21.1에 준한 회색 특수 PVC, TM2를 이용한 외피

특징

- 넓은 범위의 내유성, 내화학성
  -Technical Information table 참조
- 자체 소화성 및 난연성 PVC,
  DIN VDE 0482 part 265-2-1 /
  EN 50265-2-1 / IEC 60332-1
  (DIN VDE 0472 part 804 검사법 B적용)
- 사용 재질은 카드뮴, 실리콘등이 없는 무독성 소재로 락커의 습윤(濕潤)특성을 저해하는 물질 없음

용도

- 공작기계, 컨베이어 벨트, 생산라인, 공장, 공조, 제강 및 압연 공정 등의 계측제어용 케이블.
- 건습한 실내 및 옥외(고정 설치시)에서 외부의 힘을 받아 움직이는 경우가 아니고 중간급 정도의 변형력이 있어도 인장력이 가해지지 않는 비 고정식 설치용으로 적합함. 각각의 코아는 피복을 일부만 제거하여도 쉽게 알아볼 수 있도록 번호가 있음.
- 각 번호에는 혼동을 피하기 위한 밑줄 있음. 접지선은 바깥쪽 층에 배치. 특별히 선정된 PVC 화합물은 유연성이 탁월하여 설치 작업을 빠르게 하여 경제성을 높임.
- **CE** = The product is conformed with the EC Low-Voltage Directive 2006/95/EG

Part No.	No.cores x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
10001	2 x 0,5	4,8	9,6	40,0	20
10002	3 G 0,5	5,1	14,4	46,0	20
10003	3 x 0,5	5,1	14,4	46,0	20
10004	4 G 0,5	5,7	19,0	56,0	20
10005	4 x 0,5	5,7	19,0	56,0	20
10006	5 G 0,5	6,2	24,0	65,0	20
10007	5 x 0,5	6,2	24,0	65,0	20
10008	6 G 0,5	6,7	29,0	75,0	20
10009	7 G 0,5	7,4	33,6	80,0	20
10010	7 x 0,5	7,4	33,6	80,0	20
10011	8 G 0,5	8,0	38,0	97,0	20
10172	8 x 0,5	8,0	38,0	97,0	20
10012	10 G 0,5	8,8	48,0	116,0	20
10013	12 G 0,5	9,1	58,0	135,0	20
10014	12 x 0,5	9,1	58,0	135,0	20
10015	14 G 0,5	9,5	67,0	150,0	20
10183	16 G 0,5	10,0	76,0	175,0	20
10016	18 G 0,5	10,7	86,0	196,0	20
10017	20 G 0,5	11,2	96,0	215,0	20
10018	21 G 0,5	11,8	101,0	240,0	20
10019	25 G 0,5	13,0	120,0	270,0	20
10020	30 G 0,5	13,5	144,0	310,0	20
10021	32 G 0,5	14,0	154,0	323,0	20
10022	34 G 0,5	14,5	163,0	362,0	20
10023	40 G 0,5	15,8	192,0	434,0	20
10024	42 G 0,5	15,8	202,0	449,0	20

Part No.	No.cores x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
10025	50 G 0,5	17,3	240,0	513,0	20
10169	52 G 0,5	17,3	252,0	534,0	20
10026	61 G 0,5	19,4	293,0	625,0	20
10027	65 G 0,5	19,4	312,0	682,0	20
10028	80 G 0,5	21,3	384,0	780,0	20
10029	100 G 0,5	23,7	480,0	980,0	20
10030	2 x 0,75	5,2	14,4	46,0	18
10031	3 G 0,75	5,5	21,6	54,0	18
10032	3 x 0,75	5,5	21,6	54,0	18
10033	4 G 0,75	6,2	29,0	66,0	18
10034	4 x 0,75	6,2	29,0	66,0	18
10035	5 G 0,75	6,8	36,0	80,0	18
10036	5 x 0,75	6,8	36,0	80,0	18
10037	6 G 0,75	7,5	43,0	99,0	18
10177	6 x 0,75	7,5	43,0	99,0	18
10038	7 G 0,75	8,1	50,0	110,0	18
10039	7 x 0,75	8,1	50,0	110,0	18
10040	8 G 0,75	8,9	58,0	130,0	18
10173	8 x 0,75	8,9	58,0	130,0	18
10041	9 G 0,75	9,5	65,0	153,0	18
10042	10 G 0,75	9,6	72,0	162,0	18
10043	12 G 0,75	9,9	86,0	179,0	18
10044	12 x 0,75	9,9	86,0	179,0	18
10045	14 G 0,75	10,6	101,0	214,0	18
10046	15 G 0,75	11,2	108,0	218,0	18

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Continuation ►

JZ-500 flexible, number coded, meter marking

Part No.	No.cores x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
10047	18 G 0,75	11,9	130,0	257,0	18
10533	19 G 0,75	12,3	137,0	264,0	18
10048	20 G 0,75	12,6	144,0	286,0	18
10049	21 G 0,75	13,3	151,0	320,0	18
10050	25 G 0,75	14,5	180,0	365,0	18
10534	27 G 0,75	15,2	195,0	382,0	18
10051	32 G 0,75	15,6	230,0	455,0	18
10052	34 G 0,75	16,4	245,0	510,0	18
10182	37 G 0,75	17,2	260,0	537,0	18
10053	40 G 0,75	17,6	288,0	595,0	18
10054	41 G 0,75	17,6	296,0	607,0	18
10055	42 G 0,75	17,6	302,0	612,0	18
10056	50 G 0,75	19,8	360,0	735,0	18
10057	61 G 0,75	20,9	439,0	845,0	18
10178	65 G 0,75	21,5	468,0	895,0	18
10058	80 G 0,75	23,6	576,0	1070,0	18
10059	100 G 0,75	27,2	720,0	1322,0	18
10060	2 x 1	5,5	19,2	60,0	17
10061	3 G 1	6,0	29,0	72,0	17
10062	3 x 1	6,0	29,0	72,0	17
10063	4 G 1	6,6	38,4	86,0	17
10064	4 x 1	6,6	38,4	86,0	17
10065	5 G 1	7,2	48,0	104,0	17
10066	5 x 1	7,2	48,0	104,0	17
10067	6 G 1	8,0	58,0	125,0	17
10068	7 G 1	8,6	67,0	141,0	17
10069	7 x 1	8,6	67,0	141,0	17
10070	8 G 1	9,4	77,0	175,0	17
10071	9 G 1	10,1	86,0	200,0	17
10180	10 G 1	10,4	96,0	217,0	17
10170	10 x 1	10,4	96,0	217,0	17
10072	12 G 1	10,7	115,0	230,0	17
10073	12 x 1	10,7	115,0	230,0	17
10074	14 G 1	11,3	134,0	271,0	17
10075	16 G 1	12,0	154,0	300,0	17
10076	18 G 1	12,7	173,0	343,0	17
10174	18 x 1	12,7	173,0	343,0	17
10197	19 G 1	13,0	182,0	355,0	17
10077	20 G 1	13,5	192,0	375,0	17
10184	20 x 1	13,5	192,0	375,0	17
10179	21 G 1	14,1	205,0	420,0	17
10175	24 G 1	14,7	236,0	440,0	17
10078	25 G 1	15,6	240,0	485,0	17
10176	25 x 1	15,6	240,0	485,0	17
10196	26 G 1	15,6	252,0	500,0	17
10198	27 G 1	15,8	259,0	534,0	17
10168	30 x 1	16,0	308,0	550,0	17
10079	34 G 1	17,4	326,0	650,0	17
10080	36 G 1	17,4	346,0	668,0	17
10199	37 G 1	18,4	355,0	701,0	17
10081	40 G 1	18,9	384,0	755,0	17
10167	40 x 1	18,9	384,0	755,0	17
10082	41 G 1	18,9	394,0	770,0	17
10083	42 G 1	18,9	403,0	810,0	17
10084	50 G 1	21,0	480,0	936,0	17
10085	56 G 1	21,5	538,0	920,0	17
10086	61 G 1	22,2	586,0	1100,0	17
10087	65 G 1	22,8	628,0	1180,0	17
10088	80 G 1	25,4	786,0	1294,0	17
10089	100 G 1	28,2	960,0	1644,0	17
10090	2 x 1,5	6,3	29,0	70,0	16
10091	3 G 1,5	6,7	43,0	90,0	16
10092	3 x 1,5	6,7	43,0	90,0	16
10093	4 G 1,5	7,3	58,0	109,0	16
10094	4 x 1,5	7,3	58,0	109,0	16
10095	5 G 1,5	8,2	72,0	131,0	16
10096	5 x 1,5	8,2	72,0	131,0	16
10097	6 G 1,5	8,9	86,0	157,0	16
10098	7 G 1,5	9,8	101,0	184,0	16
10099	7 x 1,5	9,8	101,0	184,0	16
10100	8 G 1,5	10,6	115,0	216,0	16
10101	9 G 1,5	11,5	129,0	259,0	16
10181	10 G 1,5	11,7	144,0	275,0	16
10102	11 G 1,5	12,1	158,0	300,0	16
10103	12 G 1,5	12,1	173,0	309,0	16
10104	12 x 1,5	12,1	173,0	309,0	16
10105	14 G 1,5	12,9	202,0	345,0	16
10106	16 G 1,5	13,6	230,0	386,0	16
10107	18 G 1,5	14,5	259,0	440,0	16
10185	19 G 1,5	15,2	279,0	445,0	16
10108	20 G 1,5	15,2	288,0	490,0	16
10109	21 G 1,5	16,1	302,0	555,0	16

Part No.	No.cores x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
10110	25 G 1,5	17,8	360,0	620,0	16
10535	27 G 1,5	19,0	389,0	670,0	16
10111	32 G 1,5	19,1	461,0	790,0	16
10112	34 G 1,5	19,8	490,0	830,0	16
10536	37 G 1,5	20,2	533,0	892,0	16
10113	41 G 1,5	21,0	576,0	996,0	16
10114	42 G 1,5	21,4	605,0	1007,0	16
10115	50 G 1,5	23,7	720,0	1250,0	16
10116	56 G 1,5	25,0	806,0	1332,0	16
10117	61 G 1,5	25,3	878,0	1440,0	16
10187	65 G 1,5	26,0	936,0	1602,0	16
10118	80 G 1,5	29,0	1152,0	1871,0	16
10119	100 G 1,5	32,5	1440,0	2353,0	16
10120	2 x 2,5	7,6	48,0	112,0	14
10121	3 G 2,5	8,3	72,0	148,0	14
10122	3 x 2,5	8,3	72,0	148,0	14
10123	4 G 2,5	9,1	96,0	178,0	14
10124	4 x 2,5	9,1	96,0	178,0	14
10125	5 G 2,5	10,2	120,0	221,0	14
10126	5 x 2,5	10,2	120,0	221,0	14
10127	7 G 2,5	12,1	168,0	306,0	14
10128	7 x 2,5	12,1	168,0	306,0	14
10129	8 G 2,5	13,2	192,0	363,0	14
10130	12 G 2,5	15,2	288,0	498,0	14
10131	14 G 2,5	16,1	336,0	569,0	14
10132	18 G 2,5	18,1	432,0	764,0	14
10133	21 G 2,5	20,4	504,0	914,0	14
10134	25 G 2,5	22,2	600,0	1044,0	14
10135	34 G 2,5	25,1	816,0	1470,0	14
10136	42 G 2,5	27,2	1008,0	1790,0	14
10137	50 G 2,5	30,0	1200,0	2095,0	14
10138	61 G 2,5	32,0	1464,0	2750,0	14
10139	100 G 2,5	41,0	2400,0	4450,0	14
10140	2 x 4	9,2	77,0	195,0	12
10141	3 G 4	9,9	115,0	230,0	12
10142	4 G 4	11,0	154,0	295,0	12
10143	5 G 4	12,1	192,0	361,0	12
10144	7 G 4	13,3	269,0	458,0	12
10145	8 G 4	15,9	307,0	590,0	12
10146	12 G 4	18,3	461,0	790,0	12
10147	3 G 6	11,7	173,0	355,0	10
10148	4 G 6	13,0	230,0	424,0	10
10149	5 G 6	14,5	288,0	525,0	10
10150	7 G 6	16,0	403,0	625,0	10
10151	3 G 10	15,0	288,0	540,0	8
10152	4 G 10	16,8	384,0	701,0	8
10153	5 G 10	18,7	480,0	858,0	8
10154	7 G 10	20,6	672,0	1106,0	8
10190	3 G 16	17,6	461,0	827,0	6
10155	4 G 16	19,7	614,0	1035,0	6
10156	5 G 16	21,9	768,0	1259,0	6
10157	7 G 16	24,4	1075,0	1780,0	6
10191	3 G 25	22,5	720,0	1186,0	4
10158	4 G 25	25,2	960,0	1582,0	4
10159	5 G 25	27,9	1200,0	1999,0	4
10160	7 G 25	31,0	1680,0	2825,0	4
10192	3 x 35	25,2	1008,0	1585,0	2
10161	4 G 35	28,0	1344,0	2105,0	2
10162	5 G 35	29,3	1680,0	2633,0	2
10193	3 G 50	29,9	1440,0	2550,0	1
10163	4 G 50	33,4	1920,0	2940,0	1
10188	5 G 50	37,2	2400,0	2936,0	1
10194	3 G 70	37,0	2016,0	3180,0	2/0
10164	4 G 70	41,2	2688,0	4090,0	2/0
10189	5 G 70	46,0	3360,0	5443,0	2/0
10195	3 G 95	41,0	2736,0	4680,0	3/0
10165	4 G 95	46,0	3648,0	5540,0	3/0
10333	5 G 95	50,5	4560,0	6931,0	3/0
10166	4 G 120	50,3	4608,0	7000,0	4/0
13139	4 G 150	57,0	5760,0	8340,0	300 kcmil
13140	4 G 185	63,5	7104,0	9904,0	350 kcmil

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