JZ-500 flexible, number coded, red cores, meter marking

기술사양

- 제어용 케이블, 특수 PVC
  DIN VDE 0245, 0281, 0293, 0295규격
- **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 cable ø
  고정설치시 4 x cable ø
- **내 방사선 성능**
  up to 80 x 10^6 cJ/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.5 와 IEC 60228 cl.5 규격
- 특수 PVC Z7225의 절연피복
- 적색 절연체에 백색 연속 번호
  DIN VDE 0293 규격(다른 색깔도 가능)
- 황-녹색 접지선
- 코아 최적 피치로 코아 적층 연선
  DIN VDE 0281 part1 및 HD 21.1에 준한 회색 PVC,TM2를 이용한 외피(RAL 7001)

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 B 적용)
- 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.
10400	2 x 0,5	4,8	9,6	40,0	20
10401	3 G 0,5	5,1	14,4	46,0	20
10402	4 G 0,5	5,7	19,0	56,0	20
10403	5 G 0,5	6,2	24,0	65,0	20
10405	7 G 0,5	7,4	33,6	80,0	20
10407	10 G 0,5	8,8	48,0	116,0	20
10408	12 G 0,5	9,1	58,0	135,0	20
10409	14 G 0,5	9,5	67,0	150,0	20
10410	18 G 0,5	10,7	86,0	196,0	20
10411	20 G 0,5	11,2	96,0	215,0	20
10412	21 G 0,5	11,8	96,0	240,0	20
10413	25 G 0,5	13,0	120,0	270,0	20
10414	30 G 0,5	13,5	144,0	310,0	20
10415	32 G 0,5	14,0	154,0	323,0	20
10416	34 G 0,5	14,5	163,0	362,0	20
10424	2 x 0,75	5,2	14,4	46,0	18
10425	3 G 0,75	5,5	21,6	54,0	18
10426	4 G 0,75	6,2	29,0	66,0	18
10427	5 G 0,75	6,8	36,0	80,0	18
10429	7 G 0,75	8,1	50,0	110,0	18
10431	9 G 0,75	9,5	65,0	153,0	18
10432	10 G 0,75	9,6	72,0	162,0	18
10433	12 G 0,75	9,9	86,0	179,0	18
10434	14 G 0,75	10,6	101,0	214,0	18
10436	18 G 0,75	11,9	130,0	257,0	18
10437	20 G 0,75	12,6	144,0	286,0	18
10438	21 G 0,75	13,3	151,0	320,0	18
10439	25 G 0,75	14,5	180,0	365,0	18
10440	32 G 0,75	15,6	230,0	455,0	18
10449	2 x 1	5,5	19,2	60,0	17
10450	3 G 1	6,0	29,0	72,0	17
10451	4 G 1	6,6	38,4	86,0	17
10452	5 G 1	7,2	48,0	104,0	17
10454	7 G 1	8,6	67,0	141,0	17
10457	12 G 1	10,7	115,0	230,0	17

Part No.	No.cores x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
10459	16 G 1	12,0	154,0	300,0	17
10460	18 G 1	12,7	173,0	343,0	17
10461	20 G 1	13,5	192,0	375,0	17
10462	25 G 1	15,6	240,0	485,0	17
10463	34 G 1	17,4	326,0	650,0	17
10466	41 G 1	18,9	394,0	770,0	17
10474	2 x 1,5	6,3	29,0	70,0	16
10475	3 G 1,5	6,7	43,0	90,0	16
10476	4 G 1,5	7,3	58,0	109,0	16
10477	5 G 1,5	8,2	72,0	131,0	16
10479	7 G 1,5	9,8	101,0	184,0	16
10480	8 G 1,5	10,6	115,0	216,0	16
10481	9 G 1,5	11,5	130,0	259,0	16
10483	12 G 1,5	12,1	173,0	309,0	16
10484	14 G 1,5	12,9	202,0	345,0	16
10485	16 G 1,5	13,6	230,0	386,0	16
10486	18 G 1,5	14,5	259,0	440,0	16
10487	20 G 1,5	15,2	288,0	490,0	16
10489	25 G 1,5	17,8	360,0	620,0	16
10490	32 G 1,5	19,1	461,0	790,0	16
10491	34 G 1,5	19,8	490,0	830,0	16
10493	42 G 1,5	21,4	605,0	1007,0	16
10499	2 x 2,5	7,6	48,0	112,0	14
10500	3 G 2,5	8,3	72,0	148,0	14
10501	4 G 2,5	9,1	96,0	178,0	14
10502	5 G 2,5	10,2	120,0	221,0	14
10503	7 G 2,5	12,1	168,0	306,0	14
10504	8 G 2,5	13,2	192,0	363,0	14
10505	12 G 2,5	15,2	288,0	498,0	14
10515	2 x 4	9,2	77,0	195,0	12
10516	3 G 4	9,9	115,0	230,0	12
10517	4 G 4	11,0	154,0	295,0	12
10518	5 G 4	12,1	192,0	361,0	12

Dimensions and specifications may be changed without prior notice.