



CONTACT

Market information
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- Instrumentation cables 300/500(600) V
- CST 74C068
- Zero halogen (SH)
- **Cables installed outside of the containment area (K3)**
- Overall Screen (EG)
- Unarmoured (NA)

STANDARDS

Produkt IEC 60228

Tests IEC 60332-3-23; IEC 60754-1; IEC 61034-2; NF C32-070/C1

APPLICATIONS

These instrumentation cables allow connection to a variety of measurement equipment. Many of them require anti-inductive screen (EMI).

DESIGN

Conductor:

Flexible bare copper (class 5)

Insulation:

Cross-linked halogen free (SH)

Assembling tape (optional):

Overall screen:

Copper wire braid (CWB)

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: white

Core identification

Black cores printed with white numbers

STANDARD

IEC 60332-3-23(B)

Quality insurance according to RCC-E



Halogenfrei
IEC 60754-1



Nennspannung U_o/U
300 / 500 V



Flammwidrig
NF C 32070 C1; IEC
60332-3-24 (cat.B)



Rauchdichte
EN/IEC 61034-2



Elektromagnetisch
geschirmt
Ja



Betriebstemp.
-20 ... 60 °C



Max. Betriebstemp. am
Leiter
90 °C

CHARACTERISTICS

Konstruktionsmerkmale

| | |
|----------------|--------------------|
| Leitermaterial | blank |
| Leitertyp | Flexibel, Klasse 5 |
| Isolierung | Halogen-free |
| Schirm | Copper Braid |
| Außenmantel | Halogen free |
| Halogenfrei | IEC 60754-1 |

Abmessungsmerkmale

| | |
|------------------------------|-------------------|
| Leiterquerschnitt | 1 mm ² |
| Leiterdurchmesser | 1,3 mm |
| Durchmesser über Isolierung | 2,58 mm |
| Diameter over screen | 7,0 mm |
| Außendurchmesser Mindestwert | 8,7 mm |
| Maximaler Außendurchmesser | 10,1 mm |
| Nettogewicht ca. | 150 kg/km |

Elektrische Eigenschaften

| | |
|--------------------------------|-------------|
| Nennspannung U ₀ /U | 300 / 500 V |
|--------------------------------|-------------|

Anwendungsmerkmale

| | |
|-----------------------------------|---------------------------------------|
| Flammwidrig | NF C 32070 C1; IEC 60332-3-24 (cat.B) |
| Rauchdichte | EN/IEC 61034-2 |
| Elektromagnetisch geschirmt | Ja |
| Betriebstemperatur | -20 ... 60 °C |
| Max. Betriebstemperatur am Leiter | 90 °C |
| Nuclear Classification | Class 1 E Non LOCA/K3 |

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

2 pair cables (QE) assembled as a quad (1, 3, 2, 4)

Marking

LYNXEO 279 Nber of pairs, triads or quads & cross-section Cu EG CST 74 C 068 00 K3 SH 0.3/0.5 (0.6)
kV YYYY Manufacturing number + metric marking



Halogenfrei
IEC 60754-1



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300 / 500 V



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