



**Reference:** 10260490  
**EAN 13:** 3427580715594

#### CONTACT

Market information  
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ogroup.com

- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.3/0.5 (0.6) kV
- **Cables installed inside of the containment area (K2)**
- Overall screened (EG)
- Unarmoured (NA)

#### STANDARDS

**Produkt** IEC 60228

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

#### APPLICATIONS

These control cables allow connection to a variety of industrial equipment from control room. Many of them require anti-inductive screen (EMI).

#### CONSTRUCTION

##### Conductor:

- Stranded (class 2) or flexible (class 5) plain copper

##### Insulation:

- Zero halogen (SH), cross-linked

##### Assembling:

- Polyester tape (optional)

##### Inner sheath:

- Low smoke, zero halogen (LSZH)
- Colour: grey

##### Screen:

- Copper wire braid (CWB) R ≥ 80 %

##### Outer sheath:

- Low smoke, zero halogen (LSZH)
- Colour: grey

#### Core identification

Black cores printed with white numbers  
Optional: with G/Y core.

#### Marking

LYNXEO 279 Nber of cores & cross-section Cu EG CST 74 C 068 K2 SH 0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking



Halogenfrei  
IEC 60754-1; IEC 60754-2



Betriebstemp.  
-20 ... 60 °C



Rauchdichte  
IEC 61034-2



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



Elektromagnetisch  
geschirmt  
Ja



UV Beständigkeit  
Ja



Life cycle 60years  
Ja



Radiation resistant  
Ja

**CHARACTERISTICS****Konstruktionsmerkmale**

Leitermaterial	blank
Leitertype	Stranded, class 2
Isolierung	Halogen-free
Innenmantel	-
Schirm	blankes Kupfergeflecht
Außenmantel	LSZH, raucharm & halogenfrei
Halogenfrei	IEC 60754-1; IEC 60754-2

**Abmessungsmerkmale**

Leiterquerschnitt	1 mm <sup>2</sup>
Aderanzahl	9
Leiterdurchmesser	1,3 mm
Durchmesser über Isolierung	2,4 mm
Durchmesser über Innenmantel	11,2 mm
Diameter over screen	12,2 mm
Außendurchmesser Mindestwert	14,0 mm
Maximaler Außendurchmesser	16,2 mm
Nettogewicht ca.	405 kg/km

**Elektrische Eigenschaften**

Max. Gleichstromwiderstand des Leiters bei 20° C	18,1 Ohm/km
Maximum DC resistance of the conductor at 90°C	23,000 Ohm/km
Reactance at 50 Hz	0,1 Ohm/km
Short Circuit Current 0,3 s Max	0,26 kA
Short Circuit Current 1 s Max	0,14 kA
Impedance at 50 Hz	18,1 Ohm
Spannungsabfall	36,9 V/A.km
Calorific Power	3,2 MJ/m

**Anwendungsmerkmale**

Betriebstemperatur	-20 ... 60 °C
Rauchdichte	IEC 61034-2
Flammwidrig	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Elektromagnetisch geschirmt	Ja
UV Beständigkeit	Ja
Life cycle 60years	Ja
Radiation resistant	Ja
Max. Betriebstemperatur am Leiter	90 °C
Nuclear Classification	K2

**SELLING AND DELIVERY INFORMATION**

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations

**Marking**

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