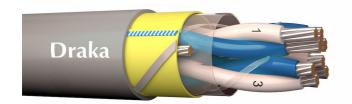


# **NOMAK-HF C-PRo**

Symmetrical halogen-free data cable for industrial control equipment



Afumex C-PRo

## **GENERAL INFO**

**APPLICATION** 

Declaration of Performance (DoP) Nominal voltage U [V] These symmetrical data transmission cables are used in control and supervision centre for industrial sites. They are suitable for fixed installation inside housings and also outdoors.

See Table Delivery info

250

#### **CERTIFICATIONS AND DESIGN STANDARDS**

**C** ∈ RoHS



IEC 60332-1 IEC 60332-3 IEC 60754 IEC 61034

EN 50575:2014+A1:2016 EN 13501-6, class Cca-s1,d1,a1

## **CABLE DESIGN**

Conductor Copper
Conductor surface Tinned

Insulation Polyethylene (PE)
Drain wire Yes

Drain wire Yes
Screen over stranding Foil

Outer sheath Halogenfree polymer

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## **APPLICATION PROPERTIES**

Max. conductor temperature [°C] 70 Permitted cable outer temperature after assembling without vibration (min) -40

[°C]

**UV** resistant Yes Outdoor installation Yes Permitted cable outer temperature during assembling/handling (min) [°C] -5

Minimum permissible bending radius during laying 15 x D under maximum tension 10 x D without tension

## **FIRE PROPERTIES**

Reaction-to-fire, CPR classification Cca-s1,d1,a1 Yes

Self-extinguishing

Flame retardant In accordance with EN 13501-6 Halogen free acc. IEC/EN 60754-1/2

Low smoke (acc. IEC 61034-2) Yes

#### **PRODUCT RANGE**

PRODUCT NAME	Snro	EAN-code (GTIN)	DOP number	Packaging type	Standard delivery length
NOMAK-HF C-PRo 2x2x0,5+0,5 K1000	0241679	6410002416794	1009961	Drum	1,000
NOMAK-HF C-PRo 4x2x0,5+0,5 K1000	0241680	6410002416800	1009805	Drum	1,000
NOMAK-HF C-PRo 8x2x0,5+0,5 K1000	0241681	6410002416817	1009806	Drum	1,000
NOMAK-HF C-PRo 12x2x0,5+0,5 K1000	0241683	6410002416831	1010098	Drum	1,000
NOMAK-HF C-PRo 24x2x0,5+0,5 K1000	0241687	6410002416879	1009808	Drum	1,000
NOMAK-HF C-PRo 48x2x0,5+0,5 K1000	0241689	6410002416893	1009728	Drum	1,000

## **MECHANICAL AND ELECTRICAL VALUES**

Test voltage [kV] 0.5 NVP value [%] 60

Product description (short)	Diameter over cable [mm]	Nominal operation capacitance [nF/km]	Characteristic impedance [Ohm]	Insulation resistance [MΩ·km]	Loop resistance [Ohm]	Weight [kg/km]	Min. permitted bending radius, during cable laying [mm]
2x2x0,5+0,5	9	90	90	2,000	81	75	
4x2x0,5+0,5	11	90	90	2,000	81	120	
8x2x0,5+0,5	14	90	90	2,000	81	190	
12x2x0,5+0,5	16	90	90	2,000	81	260	
24x2x0,5+0,5	22	90	90	2,000	81	470	
48x2x0,5+0,5	29	90	90	2,000	81	850	

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