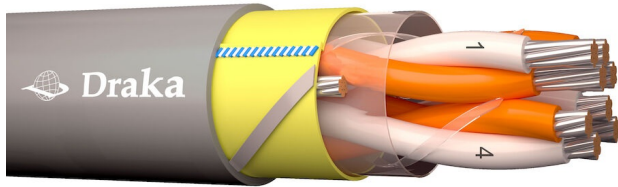


NOMAK-HF 4X2X0,5+0,5

Symmetrical halogen free data cable for industrial control equipment



GENERAL INFO

Product family description

These symmetrical data transmission cables are used in control and supervision centre for industrial sites. They are suitable for fixed installation inside housings.

Nominal voltage U [V]

50

CERTIFICATIONS AND DESIGN STANDARDS



EN 50575:2014/A1:2016

EN 60332-1-2

EN 61034-2

IEC 60754

CABLE DESIGN

Conductor material	Copper
Conductor surface	Tinned
Core insulation material	Polyethylene (PE)
Drain wire	Yes
Screen over stranding	Foil
Material outer sheath	Thermoplastic polymer

APPLICATION PROPERTIES

Max. conductor temperature [°C]	70
Permitted cable outer temperature after assembling without vibration (min) [°C]	-40
Permitted cable outer temperature after assembling without vibration (max) [°C]	60
Permitted cable outer temperature during assembling/handling (min) [°C]	-5
Permitted cable outer temperature during assembling/handling (max) [°C]	40
Bending radius (rule)	15 x cable diameter under maximum tension 10 x cable diameter without tension

Self-extinguishing	Yes
Flame retardant	In accordance with EN 13501-6
Halogen free	acc. IEC/EN 60754-1/2
Halogen free (acc. IEC 60754-2)	Yes
Low smoke (acc. IEC 61034-2)	Yes
Reaction-to-fire class (acc. EN 13501-6)	Dca
Smoke development class (acc. EN 13501-6)	s2
Euro class flaming droplets/particles (acc. EN 13501-6)	d2
Euro class acidity (acc. EN 13501-6)	a1

PROPERTIES

Product name	NOMAK-HF 4X2X0,5+0,5
Diameter conductor [mm]	
Number of cores	8
Number of stranding elements	4
Nominal outer diameter [mm]	8
Cable weight [kg/km]	75
DOP number	1004371

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
NOMAK-LSZH 4X2X0,5+0,5	6410002412390	Drum	1,000
NOMAK-LSZH 4X2X0,5+0,5 200DW	6410002412451	Bobbin	200