

HSLH-OZ



aplikace

Halogen-free, flame retardant cables are used as measuring and control cable in machine tools, conveyor belts, production lines as well as in plant installations, in air-conditioning and steel production works. For fixed installation or flexible application, directed without forcing by casual, not constantly recurring free movements and without tensile stress, for medium mechanical strain. This cable is suitable for the application in dry and damp environments. Not suitable for imbedding in solidified or compressed concrete.

norem

adapted to DIN VDE 0281 part 14 and DIN VDE 0281 part 13

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

nastavení

vnitřní vodič	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
izolace jádra	halogen-free special compound
Základní barevný kód	black cores with continuous white numbering according to DIN VDE 0293
Upínací prvek	cores stranded in layers with optimal braid-length
Materiál vnitřního pláště	halogen-free special compound
materiál vnějšího pláště	halogenfreies Spezialpolymer TM7

Application

Halogen-free, flame retardant cables are used as measuring and control cable in machine tools, conveyor belts, production lines as well as in plant installations, in air-conditioning and steel production works. For fixed installation or flexible application, directed without forcing by casual, not constantly recurring free movements and without tensile stress, for medium mechanical strain. This cable is suitable for the application in dry and damp environments. Not suitable for imbedding in solidified or compressed concrete.

Standards

adapted to DIN VDE 0281 part 14 and DIN VDE 0281 part 13

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Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	halogen-free special compound
Core Color	black cores with continuous white numbering according to DIN VDE 0293
Stranding Elements	cores stranded in layers with optimal braid-length
Inner Sheath Material	halogen-free special compound
Outer Insulation Material	halogenfreies Spezialpolymer TM7

Technické údaje

jmenovité napětí	U ₀ /U: 300 /500 V
Jmenovité napětí DC DC	U ₀ /U: 0 /0
Zkušební napětí	2000 V
Pevný poloměr ohybu (xD)	10
Pevná provozní teplota	-40 °C bis 70 °C
Provozní teplota pohyblivá	-5 °C bis 70 °C
Teplota zkratu	160 °C
Doba zkratu	5 sek.
Požární třídy	Eca, B2ca

Technical Data

Nominal Voltage	U ₀ /U: 300 /500 V
Nominal Volatage DC	U ₀ /U: 0 /0
Test Voltage	2000 V
Bending Radius fixed (xD)	10
Operating Temperature solid	-40 °C to 70 °C
Operating Temperature moving	-5 °C to 70 °C
Short Circuit Temperature	160 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca, B2ca

Art. č. Prod. Nr.	volba Option	dimenze Dimensions	malovat Color	hmotnost (kg/km) Weight (kg/km) approx.	Vnější průměr (mm) Outer-Diameter (mm) approx.
01917063	OZ	2 x 0,5	šedá - grey	32,0	5,0
02250003		2 x 0,5	šedá - grey	32,0	5,0
01917008	OZ	2 x 0,75	šedá - grey	43,0	5,3
02250002	.	2 x 0,75	šedá - grey	43,0	5,3
01917171	OB	2 x 0,75	šedá - grey	43,0	5,3
01917079	OZ	2 x 1	šedá - grey	82,0	7,0
01940001		2 x 1	černá - black	82,0	7,0
01940002		2 x 1,5	černá - black	97,0	8,4
01917060	OZ	2 x 1,5	šedá - grey	60,0	6,4
02250064	..	2 x 1,5	šedá - grey	60,0	6,4
02269001	.	2 x 1,5	šedá - grey	60,0	6,4
01917152	OB	2 x 1,5	šedá - grey	60,0	6,4
01917062	OZ	2 x 2,5	šedá - grey	92,0	7,8
02250081		2 x 2,5	šedá - grey	92,0	7,8
01917091	OZ	2 x 4	šedá - grey	146,0	9,0
01917050	JZ	2 x 6	šedá - grey	217,0	11,0
01917052		2 x 10	šedá - grey	440,0	14,0
01917057	JZ	2 x 16	šedá - grey	642,0	16,5
01917064	OZ	3 x 0,5	šedá - grey	43,0	5,3
01917116	OZ	3 x 0,75	šedá - grey	52,0	5,6
01917123	OZ	3 x 1	šedá - grey	60,0	5,9
01917127	OZ	3 x 1,5	šedá - grey	82,0	6,8
01917031	OZ	4 x 0,5	šedá - grey	49,0	5,6
01917117	OZ	4 x 0,75	šedá - grey	66,0	6,3

Art. č. Prod. Nr.	volba Option	dimenze Dimensions	malovat Color	hmotnost (kg/km) Weight (kg/km) approx.	Vnější průměr (mm) Outer-Diameter (mm) approx.
01917146	OZ	4 x 1	šedá - grey	78,0	6,7
01917174	OZ	4 x 1,5	šedá - grey	98,0	7,4
02250138	PZ	4 x 1,5	šedá - grey	98,0	7,4
01917118	OZ	5 x 0,75	šedá - grey	78,0	6,8
01917158	OZ	5 x 1	šedá - grey	95,0	7,3
01917173	OZ	6 x 0,75	šedá - grey	93,0	7,3
01917119	OZ	7 x 0,75	šedá - grey	97,0	7,4
01917159	OZ	7 x 1	šedá - grey	119,0	8,0
01917153	OZ	7 x 1,5	šedá - grey	161,0	9,2
01917154	OZ	12 x 0,75	šedá - grey	165,0	9,8
01917160	OZ	12 x 1	šedá - grey	203,0	10,6
01917162	OZ	25 x 1	šedá - grey	410,0	15,1