HSLH-OZ



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

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

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 optimalbrlay-length
Inner Sheath Material	halogen-free spezial compound
Outer Insulation Material	halogenfreies Spezialpolymer TM7 - EN 50363-8

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 bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Short Circuit Temperature	160 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca, B2ca

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Steuerleitungen
Control Cables

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

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01917146	OZ	4 x 1	grey - grey	78,0	6,7
01917174	OZ	4 x 1,5	grey - grey	98,0	7,4
02250138	PZ	4 x 1,5	grey - grey	98,0	7,4
01917118	OZ	5 x 0,75	grey - grey	78,0	6,8
01917158	OZ	5 x 1	grey - grey	95,0	7,3
01917173	OZ	6 x 0,75	grey - grey	93,0	7,3
01917119	OZ	7 x 0,75	grey - grey	97,0	7,4
01917159	OZ	7 x 1	grey - grey	119,0	8,0
01917153	OZ	7 x 1,5	grey - grey	161,0	9,2
01917154	OZ	12 x 0,75	grey - grey	165,0	9,8
01917160	OZ	12 x 1	grey - grey	203,0	10,6
01917162	OZ	25 x 1	grey - grey	410,0	15,1

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