kabeltronik®

quality at the highest level



✓ installation ✓ halogen free ✓ RoHS ✓ REACH ✓ CE

LiH-T120

TPE-E Hook-up wire, stranded, 120°C, zero halogen

Application / Description

General wiring technology where requirements are to zero halogen lines and raised temperature in formidable environments. The insulation material shows extraordinary thoughness and flexibility, high creep resistance also like impact resistance. The line is resistant against a lot of oils, chemicals and solvents.
Not allowed for power current outside any equipment!

Product range

Order-No.	Cross section	Structure of conductor	O.D.	weight	Cu-weigth	skinning tool
	qmm	*mm*	*approx. mm*	*kg/km*	*kg/km*	
0650014	0,14	18 x 0,10	0,85	2,0	1,4	40026
0650025	0,25	32 x 0,10	1,10	3,4	2,6	20100
0650050	0,50	64 x 0,10	1,50	6,6	5,2	20100
0650075	0,75	24 x 0,20	1,70	9,0	7,3	20100
0650100	1,00	32 x 0,20	1,90	11,6	9,6	20100

Construction / data

Conductor	tinned stranded copper wire
Core-Ø	depending on the article
Core insulation	TPE-E, 12Y
Dimension	depending on the article

Technical characteristics

Temperature range	static: -40 °C to +120 °C dynamic: -25 °C to +120 °C
Bending radius static	> 10 x O.D.

Bending radius dynamic	> 15 x O.D.
Operating voltage	300 V
Testing voltage	900 V
Insulation resistance	> 100 MOhm x km at + 20°C

Packaging

Spools at 100m
Lower and upper lengths according to availability. Special packaging on request.

Add-on information

Hook-up wire stranded, halogen-free with very small O.D.

Colours

the following colors are availabe:
white / brown / green / yellow / grey / blue / red / black

(further colors as well as 2-colored versions are available on request)

Technische Änderungen und Irrtümer vorbehalten. Die Eignung für einen konkreten Verwendungszweck muss vom Kunden geprüft werden. Achtung: Gefahr eines elektrischen Schlages, Produkt darf nur von Fachpersonal verarbeitet werden!
Technical changes and errors reserved. The suitability for a specific purpose must be checked by the customer. Warning: Risk of electric shock, the product may only be handled by qualified personnel

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