Kontakt:

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Brandmeldekabel, Fernmeldekabel / Fire Signal Cables, Telecommunication cables

FIREFIT LIH (ST) H-TP FE 180 PH 90

*

Verwendung:

In covered places where people are densely found: - Instrumentation and control engineering - Industrial electronics - For signal transmission - Intercommunication systems in buildins - In safety and fire alarm systems - In places where human life and valuable materials and equipment need to be protected
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Application:

In covered places where people are densely found: - Instrumentation and control engineering - Industrial electronics - For signal transmission - Intercommunication systems in buildins - In safety and fire alarm systems - In places where human life and valuable materials and equipment need to be protected
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Aufbau:

- Flame retardant charcteristic
- Low smoke emission
- Without poisoned and corrosive gases
- Colour code: DIN 47100
- Wrapping: PES TAPE
- Wrapping: tinned copper drain wire; al-pes tape
- sheath: EN 50290-27 HFFR compound
- Temperature range: -30 °C up to +80 °C

Construction:

- Flame retardant charcteristic
- Low smoke emission
- Without poisoned and corrosive gases
- Colour code: DIN 47100
- Wrapping: PES TAPE
- Wrapping: tinned copper drain wire; al-pes tape
- sheath: EN 50290-27 HFFR compound
- Temperature range: 30 °C up to +80 °C

Technische Daten:

Leiter Werkstoff	IEC 60228, DIN VDE 0295, EN 60228 Class 5 electrolytic stranded copper
Leiterklasse	Klasse 5
Aderisolationwerkstoff	
Aderkennung	
Verseilung	Pairwise, pairs in layers
Außenmantelwerkstoff	
Mantelfarbe	RAL 9003 white
Nennspannung [V]	300 / 500
Prüfspannung [V]	2000
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	7.5xcable
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-30 °C up to +80 °C
Betriebstemp. bew. min/mac [C]	-5 °C up to +70 °C
Temperatur am Leiter max.	
Brandverhalten	
Normen	- Insulation Integrity for minimum 180 minutes (FE 180) - Insulation Integrity with mechanical shock (PH 90) - Flame Retardant Test: IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 - Flame propagation: IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24 - Smoke density: IEC 61034-2, VDE 0482-1034-2, EN 61034-2 - Corrosive Gas test: IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3 - Halogen free test: IEC 60754-1, VDE

Technical Data:

Conductor Material	IEC 60228, DIN VDE 0295, EN 60228 Class 5 electrolytic stranded copper
Conductor class	Class 5
core insulation	*
core identification	*
stranding	Pairwise, pairs in layers
outer sheath	*
sheath colour	RAL 9003 white
rated voltage [V]	300 / 500
testing voltage [V]	2000
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	7.5xcable
min. bending radius moved [xd]	*
working temp fixed min/max [C]	-30°C up to +70 °C
working temp moved min/mac [C]	-5 °C up to +70 °C
temp at conductor max.	*
burning behaviour	*
Approvals	- Insulation Integrity for minimum 180 minutes (FE 180) - Insulation Integrity with mechanical shock (PH 90) - Flame Retardant Test: IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 - Flame propagation: IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24 - Smoke density: IEC 61034-2, VDE 0482-1034-2, EN 61034-2 - Corrosive Gas test: IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3 - Halogen free test: IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1 - Circuit Integrity (FE 180): IEC 60331-23

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
881110100	1 x 2 x 1.0	5.6 - 0.5	0.00	4.60
881110075	1 x 2 x 0.75	5.2 - 0.5	0.00	4.00
881110150	1 x 2 x 1.5	6.2 - 0.5	0.00	5.80
881120075	2 x 2 x 0.75	7.7 - 0.5	0.00	7.20
881120100	2 x 2 x 1.0	8.3 - 0.5	0.00	6.05

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