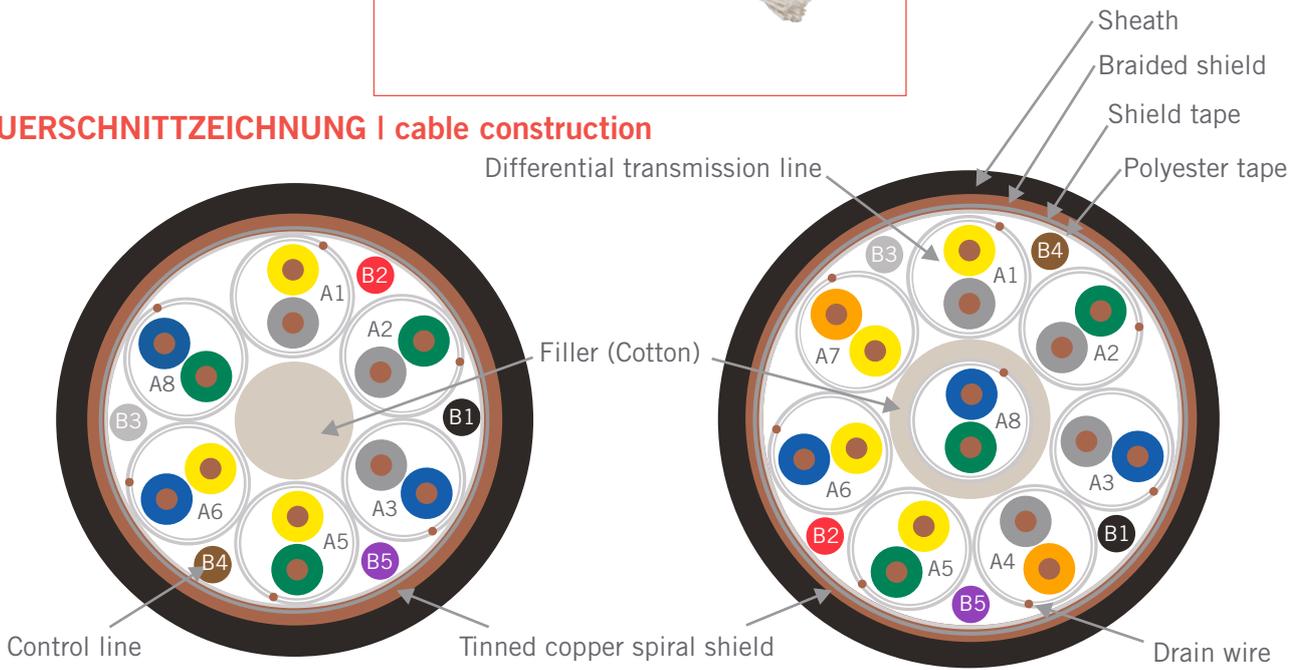


DATENBLATT | data sheet

LTG-OKI-HSDS-K-AWG28-6P-K-M | LTG-OKI-HSDS-K-AWG28-8P-K-M



QUERSCHNITTZEICHNUNG | cable construction



| Pair No. | Insulated wire TYPE1 color | Insulated wire TYPE2 color | Core number | Insulation color |
|----------|----------------------------|----------------------------|-------------|------------------|
| A1 | Gray | Yellow | B1 | Black |
| A2 | Gray | Green | B2 | Red |
| A3 | Gray | Blue | B3 | Gray |
| A4 | Gray | Orange | B4 | Brown |
| A5 | Yellow | Green | B5 | Violet |
| A6 | Yellow | Blue | | |
| A7 | Yellow | Orange | | |
| A8 | Green | Blue | | |

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LTG-OKI-HSDS-K-AWG28-6P-K-M | LTG-OKI-HSDS-K-AWG28-8P-K-M

TECHNISCHE DATEN | technical specifications

| | | twisted pair line A | control line B |
|-------------------------------|---|---|--|
| Leiter conductor | Material | verzinnte enthärtete Kupferdrahtlitzen tinned annealed copper wire | |
| | Größe size | AWG 28 | |
| | Structure PCS/mm | 19/0.08 | |
| | Durchmesser diameter | 0.40 mm | |
| Isolierung insulation | Type | Polyolefin | Polyester elastomer |
| | Farbe colour | Gray, Yellow, Green, Blue, Orange | Black, Red, Gray, Brown, Violet |
| | Durchmesser diameter | 1.1 mm | 0.7 mm |
| Twisting | Aufbau composition | Fig. 1 | – |
| Taping 1 | Type | Shield Tape | – |
| Schirmung shielding | Material | verzinnte enthärtete Kupferdrahtlitzen tinned annealed copper wire | – |
| Taping 2 | Erdungslitze drain wire | Type | enthärtete Kupferdrahtlitzen annealed copper wire strands |
| | | Größe size | AWG 28 |
| | | Structure PCS/mm | 19/0.08 |
| | Type | Polyester Tape | – |
| Montage assemble | Aufbau composition | Refer to Fig.1 | |
| | Taping 1 | Polyester Tape | |
| | Taping 2 | Shield Tape | |
| Schirmung shielding (Braid) | Material | verzinnte enthärtete Kupferdrahtlitzen tinned annealed copper wire | |
| Kabelmantel sheath | Material | hitzebeständiges PVC heat resistance PVC | |
| | Farbe color | Schwarz black | |
| | Kompletter Durchmesser overall diameter mm | Pair 6 = 9.5 mm Pair 8 = 10.2 mm | |
| | Kennzeichnung labelling | UL Nummer 20276 ist auf das Kabel gedruckt UL number 20276 is printed on the cable | |

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LTG-OKI-HSDS-K-AWG28-6P-K-M | LTG-OKI-HSDS-K-AWG28-8P-K-M

VERPACKUNG | packaging

| | |
|-------------------------|---|
| Länge Standard length | 200 m |
| Packing | Das Kabel wird in Bündeln geliefert. The cable is supplied in bundles. Jede Spule wird einer Kartonage verpacken. Each coil will be packed in a cardboard box. |

ELEKTRISCHE EIGENSCHAFTEN | electrical characteristics

| | Spezifikation specification | |
|--|--|-----------------------|
| Elektrisch Anforderungen electrical requirements | Max. Übertragungsrate max. transmission rate | 5 Gbps |
| | Wechselstromwiderstand Characteristics impedance | Standard 100 Ω |
| | Widerstand: Leiter conductor resistance $\Omega/30$ m | ≤ 206 |
| | Widerstand: Isolierung insulation resistance M Ω km | ≥ 1000 |
| | Spannungsfestigkeit dielectric strength V·1-min | 500 VAC |
| UL Style No. Flame test | 20276 | |
| | VW-1 | |
| Biegezyklen Test movable durability sliding test | Sliding count ≥ 10 million times | |
| | Sliding radius: 50 mm | |
| Temperaturbereich Operating temperature range | 0 to 50°C | |

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