

**CONTACT**

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PVC shielded data transmission cables LiYCY

**STANDARDS**

**Produkt** Nexans specification

**Application**

These cable is used for data and signal transmission where high flexibility is required. It is therefore a suitable connection for electrical panels and sensors.

**Design****Conductor**

Bare copper stranded according to VDE 0295 cl. 5 and IEC 60228 cl.5

**Insulation**

PVC compound type T12 according to IEC 50363-3

Colour code: according to DIN 47100 (with colour repetition from 44 conductors)

**Assembly**

Conductors twisted in layers + polyester tape

**Drain wire**

Tinned copper (optional)

**Shield**

Tinned copper braid, coverage  $85 \pm 5\%$

**Sheath**

PVC compound type TM2 according to IEC 50363-4

Colour code: Grey Ral 7001

**CHARACTERISTICS****Konstruktionsmerkmale**

Leitungsaufbau	-
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**Abmessungsmerkmale**

Aderanzahl	-
Leiterquerschnitt	- mm <sup>2</sup>
Außendurchmesser, nom.	- mm

**Elektrische Eigenschaften**

Betriebsspannung	300 V
Prüfspannung	1500 V
Isolationswiderstand 20°C	20 MOhm.km

**Anwendungsmerkmale**

Temperaturbereich bei fester Verlegung	-30 ... 80 °C
Flammwidrig	IEC 60332-1-2
Biegeradius min. nach Verlegung (xD)	10