

CONTACT

Market information
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PVC shielded data transmission cables with twisted pairs LIYCY-TP

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)

Pairs

Conductors twisted in pairs acc. to DIN 47100

Assembly

Pairs twisted in layer + 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 ²
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
Biegeradius min. nach Verlegung (xD)	10