

<b>73220200</b>	<b>DATA SHEET</b>	
<b>valid from: 01.01.2019</b>	<b>UNITRONIC® SPIRAL</b>	

## Application

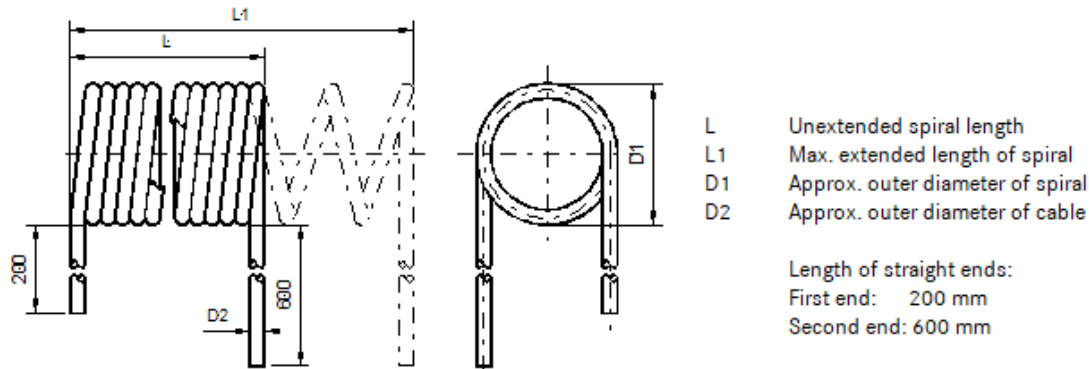
UNITRONIC® SPIRAL cables are used wherever screened cables with smallest dimensions are required, e.g. in measuring and controlling engineering. UNITRONIC® SPIRAL cables have an overall screening, which defends interferences and guarantees accurate pulse transmission.

High flexibility affords extended lengths of up to 4 times the unextended spiral length.

UNITRONIC® LiYD11Y is a flexible data cable for weak-current applications. The cut resistant polyurethane outer sheath is largely resistant to the action of acids, caustic solutions and certain oils, and to abrasion.

UNITRONIC® LiYD11Y is intended for use in dry and damp interiors.

## Dimensions of spiral cable



## Design

Design	based on VDE 0812
Conductor	extra fine wire strands of bare copper acc. to IEC 60228 resp. VDE 0295, class 6
Insulation	PVC compound T12 acc. to EN 50363-3 resp. VDE 0207-363-3
Core identification code	according to DIN 47100
Screen	wrapped with bare copper wires
Outer sheath	PUR compound TPU according to EN 50363-10-2 resp. VDE 0207-363-10-2 colour: black, similar to RAL 9005

## Electrical properties at 20°C

Rated voltage	peak voltage during operation 250 V (not for power applications)
Test voltage	1200 V

## Mechanical and thermal properties

Temperature range	flexible use: -5°C up to +50°C
General requirements	These cables are conform to the RoHS Directive 2011/65/EU

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