

73220200	DATA SHEET	
valid from: 01.01.2019	UNITRONIC® SPIRAL	

Application

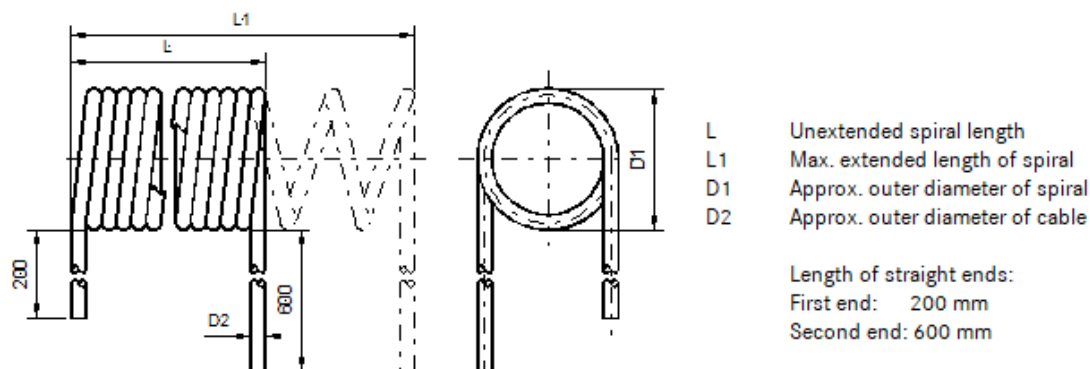
UNITRONIC® SPIRAL cables are used wherever screened cables with smallest dimensions are required, e.g. in measuring and controlling engineering. UNITRONIC® SPIRAL cables have an overall screening, which defends interferences and guarantees accurate pulse transmission.

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 TI2 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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