

UNITRONIC® SPIRAL LiF2Y11Y
 made of UNITRONIC® FD P plus

DB73220300
 valid from: 01.09.2016

Application

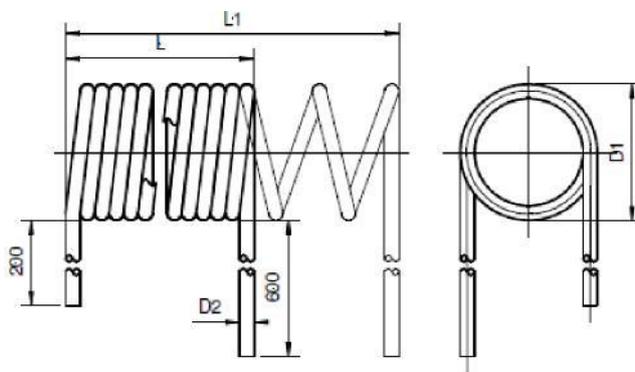
UNITRONIC® SPIRAL LiF2Y11Y cables are used wherever cables with smallest dimensions are required, e.g. in measuring and controlling engineering.

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

UNITRONIC® FD P plus 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® FD P plus is intended for use in dry and damp interiors.

Dimensions



L: Unextended spiral length
 L1: Max. extended length of spiral
 D1: Approx. Outer diameter of spiral
 D2: Approx. Outer diameter of cable

Length of extended ends:

First end: 200 mm
 Second end: 600 mm

Technical data

Design	based on VDE 0812
Conductor	extra fine wire strands of bare copper acc. to IEC 60228 resp. VDE 0295, class 6
Core insulation	special Polyolefin-based compound
Core identification	according to DIN 47100
Outer sheath	special PUR-based compound, halogen free color: grey, similar to RAL 7001

Electrical properties at 20°C

Peak working voltage	0.14 mm ² : 350 V (not for power applications) 0.25 mm ² : 500 V (not for power applications)
Test voltage	C/C: 1500 V

Mechanical and thermal properties

Temperature range	flexible use: -5°C up to +50°C
EU-Directives	This cable is conform to the EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).