



LAPP GROUP

DATA SHEET	0028009
UNITRONIC®-100/100 CY	valid from : 18.01.1999

Application

UNITRONIC®-100/100 CY are regulating and controlling cables, which are suitable for being used in damp and dry rooms. Temperature range at flexible use: -5 degrees C up to +70 degrees C.

Restricted guidance respectively using on cable drums under tensile load are not allowed.

At room temperature the minimum bending radius is 15 x cable diameter. As far as screened cables (UNITRONIC®-100 CY) are concerned, a minimum bending radius of 20 x cable diameter is required.

The dimensions of the cores of UNITRONIC®-100/100 CY are in acc. with VDE 0812. The sheathing wall thickness of the cables are in analogy with VDE 0812.

The materials used for manufacturing the core insulation and the outer sheathing are in acc. with the requirements of VDE 0207 (YI2/YM2) and in addition are flame resistive in acc. with VDE 0482 part 265-2-1/ IEC60 332.1; at room temperature they are largely resistant to the action of acids, caustic solutions and certain oils.

UNITRONIC®-100/100 CY cables are provided with coloured cores in acc. with Lapp's UNITRONIC colour code.

UNITRONIC®-100/100 CY cables are tested at a voltage of 1500 V AC and can be operated with an operating peak voltage of 500 V (not for high voltage current purposes).

elaborated by: TE-K: N. Ensslen	Document: DB2170230 _2EN	page 1 of 1
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