Low frequency data transmission cables • DIN colour code

Data communication systems

Static screened data transmission cable similar to UL AWM 2092

ÖLFLEX

## **UNITRONIC®**

SKINTOP

SILVYN

# FLEXIMARK

- ACCESSORIES
- APPENDIX

RAL 7001		Occasional flexing: 10 x outer diameter Fixed installation: 6 x outer diameter
	4	<b>Test voltage</b> 1500 V
	Z∞	Characteristic impedance Approx. 95 Ohm
	°‡	Temperature range

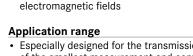
Fixed installation: -40°C to +80°C

Article number	Number of conductors and AWG size	Conductor cross- section (mm <sup>2</sup> )	Core insulation material	Outer sheath material	Outer diameter (mm)	Copper index (kg/km)
UNITRONIC <sup>®</sup> ST	· · · ·					
0033000	2 x AWG 20/7	0.52	PE	PVC	5.2	17.2
0033001	3 x AWG 20/7	0.52	PE	PVC	5.3	23

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

#### Accessories

- UNIVERSAL STRIP stripping tool refer to page 1006
- DATA STRIP stripping tool refer to page 1001



the interference of high frequency,

Aluminium-laminated plastic foil static

screen with tin-plated drain wire minimises

- Especially designed for the transmission of the smallest measurement and control signals at minimal space requirements
- · Internal wiring of electronic equipment
- · For fixed and limited flexible installation
- · For use in dry, damp and wet rooms

#### **Product features**

- Protection against interferences at medium and high frequencies by aluminium-laminated plastic foil, combination of flexibility and good screening (normal requirements)
- Flame-retardant according IEC 60332-1-2

LAPP KABEL STUTIGART UNITRONIC ST

## Norm references / Approvals

• Based on UL AWM Style 2092 / 2093

### Product Make-up

- 7-wire tinned stranded copper conductor
- · Core insulation made of polyethylene (PE)
- Plastic-laminated aluminium foil with tinned copper drain wire
- Outer sheath made of PVC, Colour of the outer sheath: Similar to Silv R/

shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

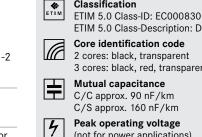
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil  $\leq$  30 kg or  $\leq$  250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs are not to scale and do not represent detailed images of the respective products.

**Benefits** 



Classification

**Technical data** 

Inductivity

approx. 0.65 mH/km Minimum bending radius

'C to +

ccasional flexing: -5°

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