



<b>Data Sheet</b>	7038859
<b>UNITRONIC® SENSOR LiFY</b>	Valid from: 19.08.2009

## Application

UNITRONIC® SENSOR LiFY is a flexible cable for automated assembly to sensor-plug-cables. Highest emphasis is on optical and stripping-characteristics. Cable is installed flexible with very small bending radius but not for permanently flexing applications. PVC sheath is matt and highly abrasion resistant.

## Design

Conductor	Bare copper wire stranded; individual wire diameter 0,10mm
Core insulation	Standard PVC
Core identification	As below per order
Twisting	twisted together with short length of lay
Outer sheath	Special PVC easily strippable for 100mm by machine surface, Surface matt black similar to RAL 9005

## Electrical properties at 20 °C

U <sub>0</sub> /U:	<= 900V peak (only for electronic use)
Test voltage	2000V

## Mechanical and thermal properties

Temperature range	Fixed installation	-40 °C up to +80 °C
	Flexible applications	-5 °C up to +70 °C

Min. bending radius	Fixed installation	5 x Ø
	Flexible installation	10 x Ø

Approvals	ROHS
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Printing	White ink jet
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Article No.	Type	sheath wall thickness Min average to	Core diameter in mm	Outer Diameter
7038859	3x0,34	0,78	1,5	4,8
7038860	4x0,34	0,58	1,5	4,8

## Standard core colours

3-core	brown, blue, black
4-core	brown, white, blue, black