



Data Sheet

UNITRONIC® SENSOR LiFY11Y

Valid from:
21.07.2009

Application

UNITRONIC® SENSOR LiFY11Y 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.

PUR sheath is halogenfree, 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 PUR easily strippable for 100mm by machine surface, Surface matt black similar to RAL 9005

Electrical properties at 20 °C

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

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	5x cable diameter
	Flexible installation	10x cable diameter

Approvals	ROHS
Printing	White ink jet

Article No.	Type	sheath wall thickness Min average to	Core diameter in mm	Outer Diameter
7038861	4x0,34	0,58	1,5	4,8
7038862	5x0,25	0.8	1,2	4,9

Standard core colours

4-core	brown, white, blue, black
5-core	brown, white, blue, black, grey