

## UNITRONIC® SENSOR

Flexible cable for sensor/actuator cabling

Cables for sensor/actuator cabling to connect to M8, M12 connectors.

### Info

Easy cable preparation  
UL recognized (LifYY A)



Supplementary automation components from Lapp



Space requirement



UV-resistant

### Benefits

Easy installation (through cable trays, tubes, cabinets)  
Easy stripping and processing  
Space-saving due to compact dimensions.

### Application range

Automation technology  
Sensor/ actuator cabling

### Product features

Core colour code in accordance with DIN EN 50044  
Black version: UV-resistant  
For higher mechanical stress (LifY11Y/Desina)

### Norm references / Approvals

Last Update (12.12.2022)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## UNITRONIC® SENSOR

UL recognized (LifYY A)

### Product Make-up

Extra-fine wire strand made of bare copper wires  
Core insulation: PVC  
Colour-code:  
3-pin: bn, bu, bk  
4-pin: bn, wh, bu, bk  
5-pin: bn, wh, bu, bk, gy  
DESINA 4x0,34: bn, wh, bu, bk  
Outer sheath: PVC or PUR  
Sheath colour: black (RAL 9005)  
DESINA yellow (RAL 1021)

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable
Peak operating voltage:	300 V (not for power applications)
Conductor stranding:	Extra-fine wire acc. to VDE 0295, class 6/ IEC 60228 class 6
Minimum bending radius:	Flexing: 15 x outer diameter Fixed installation: 8 x outer diameter
Temperature range:	PVC/PVC: Fixed installation: -40 °C to +80 °C Flexing: -5 °C to +80 °C PVC/PUR: Fixed installation: -30 °C to +80 °C Flexing: -10 °C to +80 °C

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

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

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Article designation	Dimensions (mm <sup>2</sup> )	Outer diameter [mm]	Core/outer sheath material	Colour	UL	Copper index [kg/km]
UNITRONIC® SENSOR PVC							
7038898	LifYY	3x0.25	3.8	PVC/PVC	black	-	7.5
7038899	LifYY	4x0.25	4.2	PVC/PVC	black	-	10.2
7038900	LifYY	3 x 0.34	4.1	PVC/PVC	black	-	9.8
7038901	LifYY	4 x 0.34	4.4	PVC/PVC	black	-	13
7038902	LifYY	5 x 0.34	4.8	PVC/PVC	black	-	16
UNITRONIC® SENSOR PVC UL							
7038903	LifYY A	3x0.25	4.3	PVC/PVC	black	yes	7.5
7038904	LifYY A	4x0.25	4.6	PVC/PVC	black	yes	10.2
7038905	LifYY A	3 x 0.34	4.4	PVC/PVC	black	yes	9.8
7038906	LifYY A	4 x 0.34	4.8	PVC/PVC	black	yes	13
7038907	LifYY A	5 x 0.34	5.2	PVC/PVC	black	yes	16
UNITRONIC® SENSOR PVC/PUR							
7038861	LifY11Y	4 x 0.34	4.8	PVC/PUR	black	-	13.1
7038862	LifY11Y	5 x 0.25	4.9	PVC/PUR	black	-	12
0040434	DESINA	4 x 0.34	5.2	PVC/PUR	yellow	-	13.5

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