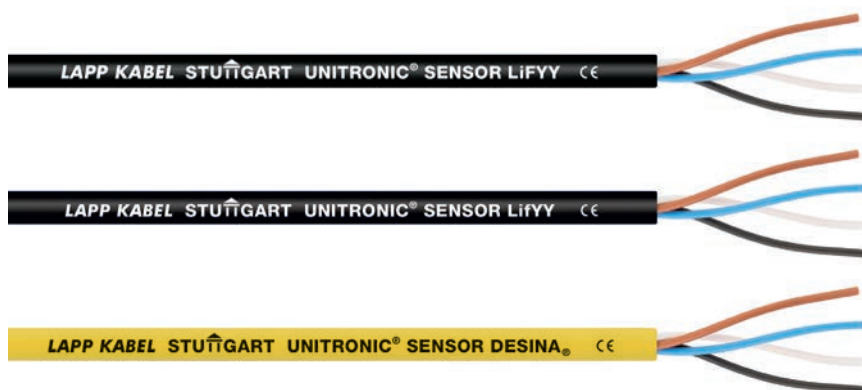




## UNITRONIC® SENSOR

Flexible cable for sensor/actuator cabling



**Info**

- Easy cable preparation
- UL recognized (LifYY A)

**Technical data**

- Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC001578  
ETIM 5.0/6.0 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

### 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 (LifY 11Y/ Desina®)

### Norm references / Approvals

- 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)

Article number	Article designation	Dimensions (mm <sup>2</sup> )	Outer diameter [mm]	Core/outer sheath material	Colour	UL	Copper index [kg/km]
<b>UNITRONIC® SENSOR PVC</b>							
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
<b>UNITRONIC® SENSOR PVC UL</b>							
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
<b>UNITRONIC® SENSOR PVC/PUR</b>							
7038861	LifY 11Y	4 x 0.34	4.8	PVC/PUR	black		13.1
7038862	LifY 11Y	5 x 0.25	4.9	PVC/PUR	black		12
0040434	DESINA	4 x 0.34	5.2	PVC/PUR	yellow		13.5

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.

**Accessories**

- EPIC® SENSOR M12 refer to page 398
- EPIC® SENSOR M12 V4A refer to page 399
- EPIC® SENSOR M8 refer to page 391
- SENSOR STRIP stripping tool refer to page 987

ÖLFLEX® UNITRONIC® ETHERLINE® HITRONIC® EPIC® SKINTOP® SILVYN® FLEXIMARK® ACCESSORIES APPENDIX