

## Product Description



## Application range

- Cables for UNITRONIC® Fieldbussensor-/actuator wiring requirements
- Data transmission cables to connect to M8, M12 connectors
- Automation technology
- Mechanical engineering
- Plant engineering

## Design

- UNITRONIC® SENSOR LifYY Conductor: Superfine bare copper strand in accordance with DIN VDE 0295 Class 6; Core insulation PCV, Outer sheath PVC vinyl
- UNITRONIC® SENSOR DESINA® LifY11Y Stranded bare copper conductor, superfine. In accordance with VDE 0295 Class 6, special PVC insulation, cores twisted in layers, core ident code in accordance with DESINA® (brwon, white, blue, black). Outer sheath of special polyurethane based compound; colour yellow in acc. to RAL 1021; flame retardant acc. to IEC 60332-1-2. Operating voltage= 48 V, Peak working voltage= 300 V.
- UNITRONIC® SENSOR FD Lif9Y11Y Approved AWM UL-style 20549, 80°C / 300 V. Conductor: Cu wire, bare, super-fine strands in accordance with DIN VDE 0295 class 6. Core insulation: modified polypropylene (PP), outer sheath: halogen-free polyurethane (PUR), matt, adhesion free
- UNITRONIC® SENSOR FD series cables are especially suited for power chain use

## Product features

- Core colour in accordance with DIN EN 50044
- 3x 0.34mm<sup>2</sup> 1= brown, 2= blue, 3= black
- 4x 0.34 mm<sup>2</sup> 1= brown, 2= white, 3= blue, 4= black
- 25x 0.25mm<sup>2</sup> or 0.34mm<sup>2</sup> 1= brown, 2= white, 3= blue, 4= black, 5=grey
- 8x 0.25mm<sup>2</sup> 1= white, 2=brown, 3= green, 4= yellow, 5= grey, 6= pink, 7=blue, 8= red

Article List

| Part number          | Article designation | Dimension in mm <sup>2</sup> | Outer diameter in mm | Core / sheath material | Colour          | Copper index kg/km |
|----------------------|---------------------|------------------------------|----------------------|------------------------|-----------------|--------------------|
| UNITRONIC® SENSOR    |                     |                              |                      |                        |                 |                    |
| 7038859              | S-LifYY             | 3x0,34                       | 4.8                  | PVC/PVC                | black           | 9.8                |
| 7038860              | S-LifYY             | 4x0,34                       | 4.8                  | PVC/PVC                | black           | 13.1               |
| 0040434              | DESINA              | 4x0,34                       | 5.2                  | PVC/PVC                | yellow RAL 1021 | 13.5               |
| 7038861              | S-LifY11Y           | 4x0,34                       | 4.8                  | PVC/PUR                | black           | 13.1               |
| 7038862              | S-LifY11Y           | 5x0,25                       | 4.9                  | PVC/PUR                | black           | 12                 |
| UNITRONIC® SENSOR FD |                     |                              |                      |                        |                 |                    |
| 7038864              | Li9Y11Y             | 3x0,34                       | 4.6                  | PP/PUR                 | black           | 9.8                |
| 7038865              | Li9Y11Y             | 4x0,34                       | 4.7                  | PP/PUR                 | black           | 13                 |
| 7038866              | Li9Y11Y             | 5x0,34                       | 5.1                  | PP/PUR                 | black           | 16                 |
| 7038867              | Li9Y11Y             | 5x0,25                       | 4.7                  | PP/PUR                 | black           | 12                 |
| 7038868              | Li9Y11Y             | 8x0,25                       | 5.9                  | PP/PUR                 | black           | 19                 |

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

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

Cables are printed

Further types on request

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