## Product Description




## Application range

- Combination cables to connect sensor/actuator distribution boxes
- Data transmission cables to connect to M8, M12 connectors

## 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 UL/CSA - 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 COMBI LifY11Y 3x0,75+16x0,34 Conductor: Bare copper strand, single wire diameter: 0.10 mm for 0.34 mm2, 0.16 mm for 0.75 mm2, core insulation: PVC, external sheath: co-extruded double sheath: inner PVC, outer special PUR

## Product features

- Core colour in accordance with DIN EN 50044
- 3x 0.34 mm2 1= brown, 2= blue, 3= black
- 4x 0.34 mm2 1= brown, 2= white, 3= blue, 4= black
- 5x 0.25mm2 or 0.34mm2 1= brown, 2= white, 3= blue, 4= black, 5=grey
- 8x 0.25mm2 1= white, 2=brown, 3= green, 4= yellow, 5= grey, 6= pink, 7=blue, 8= red

## Cross-References

**Accessories**

STAR STRIP stripping tool, SMARTSTRIP stripping tool

## Article List

| Part number | Article designation | Dimension in mm² | Outer diameter in mm approx. | 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 | 5.2 | PVC/PVC | black | 13.1 |
| 0040434 | DESINA ** | 4x0,34 | 5.2 | PVC/PVC | yellow RAL 1021 | 13.5 |
| 7038861 | S-LifY11Y ** | 4x0,34 | 5.2 | PVC/PUR | black | 13.1 |
| 7038862 | S-LifY11Y ** | 5x0,25 | 4.8 | PVC/PUR | black | 12 |
| UNITRONIC® SENSOR FD UL/CSA | | | | | | |
| 7038864 | Li9Y11Y ** | 3x0,34 | 4.6 | PP/PUR | black | 9.8 |
| 7038865 | Li9Y11Y ** | 4x0,34 | 4.6 | PP/PUR | black | 13 |
| 7038866 | Li9Y11Y ** | 5x0,34 | 5 | PP/PUR | black | 16 |
| 7038867 | Li9Y11Y ** | 5x0,25 | 4.7 | PP/PUR | black | 12 |
| 7038868 | Li9Y11Y ** | 8x0,25 | 5.8 | PP/PUR | black | 19 |
| UNITRONIC® SERNSOR COMBI | | | | | | |
| 7038863 | LifY11Y ** | 3x0,75+16x0,34 | 6.2 | PVC/PUR | black | 74 |