Product Description



Application range

- Cables for UNITRONIC® field bus sensor/actuator wiring
- Data transmission cable to connect to M8, M12 connectors
- Automation technology
- Mechanical engineering
- Plant engineering

Design

- UNITRONIC® SENSOR LifYY Conductor: extra-fine bare copper strand in accordance with DIN VDE 0295 Class 6; core insulation: PVC, outer sheath: PVC
- UNITRONIC® SENSOR DESINA® LifY11Y Stranded bare copper conductor, super-fine. In accordance with VDE 0295 Class 6, special PVC insulation, cores twisted in layers, core identification in accordance with DESINA® (brown, white, blue, black). Outer sheath is made of special polyurethane-based compound; yellow colour 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 AWM UL Style 20549, 80 °C/300 V. Conductor: Cu strand, bare, extra-fine wire according to 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 specially designed for use in power chains

Product features

- Core colour code in accordance with DIN EN 50044
- 3 x 0.34 mm² 1= brown, 2= blue, 3= black
- 4x 0.34 mm2 1= brown, 2= white, 3= blue, 4= black
- 5 x 0.25 mm2 or 0.34 mm2 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

Article List

Part number	Article designation	Dimensions (mm^2)	Outer diameter (mm)	Core/outer sheath material	Colour	Copper index (kg/km)
UNITRONIC® SENSOR						
7038859	S-LifYY	3 x 0.34	4.8	PVC/PVC	black	9.8
7038860	S-LifYY	4 x 0.34	4.8	PVC/PVC	black	13.1
0040434	DESINA	4 x 0.34	5.2	PVC/PUR	yellow (RAL 1021)	13.5
7038861	S-LifY11Y	4 x 0.34	4.8	PVC/PUR	black	13.1
7038862	S-LifY11Y	5 x 0.25	4.9	PVC/PUR	black	12.0
UNITRONIC® SENSOR FD						
7038864	Li9Y11Y	3 x 0.34	4.6	PP/PUR	black	9.8
7038865	Li9Y11Y	4 x 0.34	4.7	PP/PUR	black	13.0
7038866	Li9Y11Y	5 x 0.34	5.1	PP/PUR	black	16.0
7038867	Li9Y11Y	5 x 0.25	4.7	PP/PUR	black	12.0
7038868	Li9Y11Y	8 x 0.25	5.9	PP/PUR	black	19.0

Footnote:

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

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

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Cables are printed

Other variations are available upon request.

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