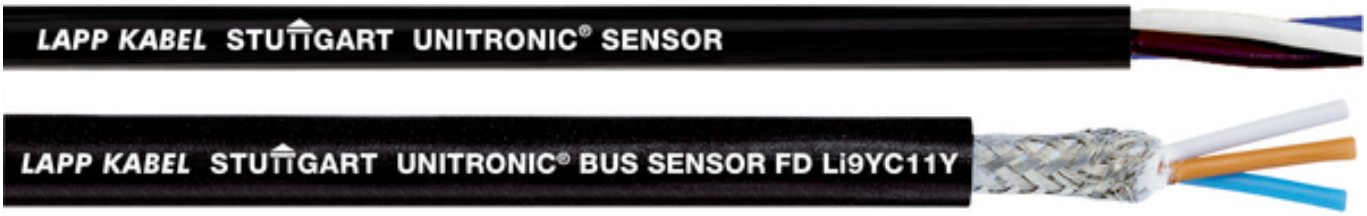
UNITRONIC® SENSOR



Application range

Cables for UNITRONIC® SENSOR
sensor/actuator cabling
Unshielded and shielded data transmission cables to connect to M8, M12 connectors
Automation technology
Mechanical engineering
Plant engineering

Product Make-up

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 Li9Y11Y and SENSOR FD Li9YC11Y 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 0.25 mm² or 0.34mm²
1= brown, 2= blue, 3= black
4x 0.25 mm² or 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

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Part number	Article designation	Dimensions (mm²)	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						
7038883	Li9Y11Y	3x0.25	4.4	PP/PUR	black	7.5
7038864	Li9Y11Y	3 x 0.34	4.6	PP/PUR	black	9.8
7038884	Li9Y11Y	4x0.25	4.7	PP/PUR	black	10.2
7038865	Li9Y11Y	4 x 0.34	4.7	PP/PUR	black	13.0
7038867	Li9Y11Y	5 x 0.25	4.7	PP/PUR	black	12.0
7038866	Li9Y11Y	5 x 0.34	5.1	PP/PUR	black	16.0
7038868	Li9Y11Y	8 x 0.25	5.9	PP/PUR	black	19.0
UNITRONIC® SENSOR FD screened						
7038885	Li9YC11Y	3 x 0.34	4.6	PP/PUR	black	19.1
7038886	Li9YC11Y	4 x 0.34	4.7	PP/PUR	black	23.5
7038887	Li9YC11Y	5 x 0.34	5.1	PP/PUR	black	27.5

Last Update (05.11.2015)
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PN 0456 / 02_03.16