UNITRONIC® SENSOR

Flexible cable for sensor/actuator cabling

Cables for sensor/actuator cabling to connect to M8, M12 connectors.

Info
Easy cable preperation
UL recognized (LifYY A)







Supplementary automation components from Lapp

Space requirement

UV-resistant

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 (LifY11Y/Desina)

Norm references / Approvals
UL recognized (LifYY A)

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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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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)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001578 ETIM 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

Note

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
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

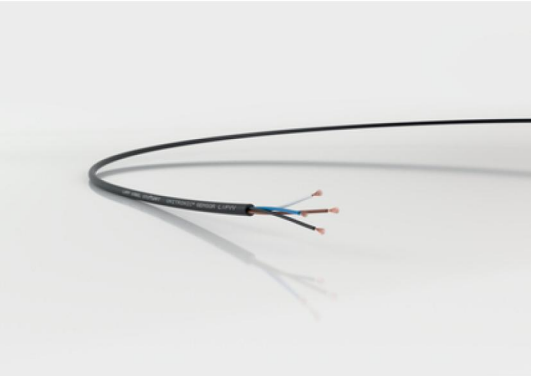
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Article number	Article designation	Dimensions (mm^2)	Outer diameter [mm]	Core/outer sheath material	Colour	UL	Copper index [kg/km]
UNITRONIC® SENSOR PVC							
7038898	LifYY	3x0.25	3.8	PVC/PVC	black	-	7.5
7038899	LifYY	4x0.25	4.2	PVC/PVC	black	-	10.2
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
UNITRONIC® SENSOR PVC UL							
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
UNITRONIC® SENSOR PVC/PUR							
7038861	LifY11Y	4 x 0.34	4.8	PVC/PUR	black	-	13.1
7038862	LifY11Y	5 x 0.25	4.9	PVC/PUR	black	-	12
0040434	DESINA	4 x 0.34	5.2	PVC/PUR	yellow	-	13.5

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