

UNITRONIC® SENSOR

Flexible cable for sensor/actuator cabling

Cables supplied by the metre for sensor/actuator cabling for fixed installation and occasional flexible use. To connect to M8, M12 plug connectors.

Info

Easy cable preparation
UL recognized (LifYY A)



UV-resistant



Automation & fältinstallation

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)

Last Update (16.06.2017)

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Product Management www.lappkabel.de

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

Core colours:

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 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Peak operating voltage:	300 V (not for power applications)
Conductor stranding:	Extra-fine wire according 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 otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

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

Photographs 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	Copper index [kg/km]
7038860	LifYY	4 x 0.34	4.8	PVC/PVC	black	13.1
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
7038904	LifYY A	4x0.25	4.6	PVC/PVC	black	yes
7038905	LifYY A	3 x 0.34	4.4	PVC/PVC	black	yes
7038906	LifYY A	4 x 0.34	4.8	PVC/PVC	black	yes
7038907	LifYY A	5 x 0.34	5.2	PVC/PVC	black	yes
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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