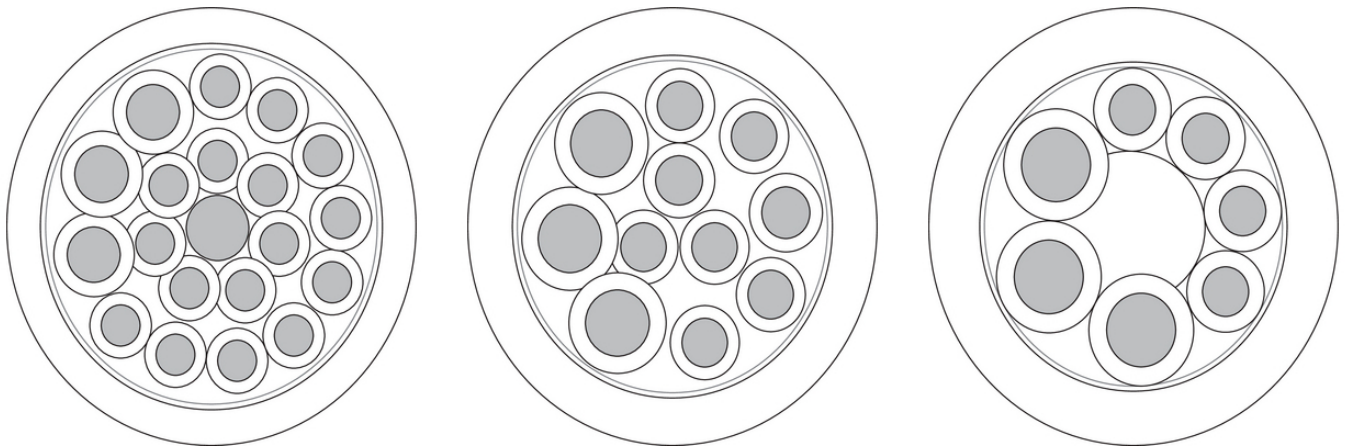


## UNITRONIC® SENSOR master cable

Rational wiring for S/A boxes with detachable master cable connection. Outer sheath halogen free, Drag chain suitable. Customised construction can be supported.

### Info

Customised construction can be supported



Supplementary automation components from Lapp



Flame-retardant



Halogen-free



Power chain



UV-resistant

### Benefits

Cost efficient and rational wiring for S/A boxes with detachable master cable connection  
Can be used universally for S/A installations

### Application range

Automation technology  
Mechanical engineering  
Plant engineering  
Tool shop  
Automotive industry

## UNITRONIC® SENSOR master cable

### Product features

Cores for Power Supply:  
3 x 0.75 mm<sup>2</sup> and 3 x 1.0 mm<sup>2</sup>  
Cores for Signalling cable:  
4 x 0.34 mm<sup>2</sup>, 8 x 0.5 mm<sup>2</sup>, 16 x 0.5 mm<sup>2</sup>  
Suitable for drag chains  
Halogen-free according to VDE 0472-815  
Flame-retardant according to UL 1581 FT-2

### Norm references / Approvals

UL-AWM-Style 21198 (80 °C / 300 V)

### Product Make-up

Fine-wire, bare copper strand  
Single wire diameter:  
0.34 mm<sup>2</sup> = (43 x 0.10 mm)  
0.5 mm<sup>2</sup> = (19 x 0.18 mm)  
0.75 mm<sup>2</sup> = (21 x 0.205 mm)  
1.0 mm<sup>2</sup> = (55 x 0.15 mm)  
Core insulation: PP  
Outer sheath: PUR, black

### Technical Data

|                         |                                                                           |
|-------------------------|---------------------------------------------------------------------------|
| Classification ETIM 5:  | ETIM 5.0 Class-ID: EC001578<br>ETIM 5.0 Class-Description: Flexible cable |
| Classification ETIM 6:  | ETIM 6.0 Class-ID: EC001578<br>ETIM 6.0 Class-Description: Flexible cable |
| Conductor stranding:    | Stranded conductor, fine-wire                                             |
| Minimum bending radius: | Flexing: 10 x outer diameter                                              |
| Temperature range:      | Fixed installation: -40 °C to +80 °C<br>Flexing: -5 °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.

Packaging size: Coil 100m

Cables are printed

Other variations are available upon request.

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.

For detailed technical information please refer to the data sheet

**UNITRONIC® SENSOR master cable**

| Article number          | Article designation | Dimensions (mm <sup>2</sup> ) | Outer diameter [mm] | Core/outer sheath material | Copper index [kg/km] |
|-------------------------|---------------------|-------------------------------|---------------------|----------------------------|----------------------|
| UNITRONIC® SENSOR COMBI |                     |                               |                     |                            |                      |
| 7038880                 | Li9Y11Y             | 3 x 0.75 + 4 x 0.34           | 6.6                 | PP/PUR                     | 34.5                 |
| 7038881                 | Li9Y11Y             | 3 x 1.0 + 8 x 0.5             | 8.4                 | PP/PUR                     | 67.2                 |
| 7038882                 | Li9Y11Y             | 3 x 1.0 + 16 x 0.5            | 9.8                 | PP/PUR                     | 105.6                |

## UNITRONIC® SENSOR master cable

