

UNITRONIC® ROBUST S/A FD

Highly flexible, halogen-free sensor/actuator cable - resistant to a wide range of chemical media

Cables supplied by the metre for sensor/actuator cabling in harsh environments. Suitable for use in drag chains, halogen-free, for connection to M8, M12 connectors.

Info

Good chemical resistance
Excellent weather-resistance
Flexible at cold temperatures



UV-resistant



Power chain



Halogen-free



Good chemical resistance



Food & Beverage



Automation & fältinstallation



Suitable for outdoor use



Cold-resistant

Last Update (20.06.2017)

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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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Benefits

Outstanding weather, ozone and UV resistance together with the wide temperature range enable versatile use for indoor and outdoor applications

Resistant against organic oils, emulsions, greases and waxes based on organic, animal or synthetic

Good resistance to cold and hot water as well as water-soluble cleaning and cooling agents

Suitable for frequent steam cleaning

Good resistance to ammonia compounds and biogases

Application range

Automation technology

Machine tool building, medical technology, laundries, car washing equipment, chemical industry, composting plants, sewage works

Food and beverage industry, especially for production and processing of milk and meat products

Product features

Good chemical resistance to ester-based hydraulic fluids

Ozone-, UV- and weather-resistant according to EN 50396 and HD 605 S2

Suitable for drag chains

Torsion-resistant

Halogen-free

Norm references / Approvals

Certified resistance to disinfectant and cleaning solutions used in food and beverage industry

ECOLAB®

Industry standard in the field of professional cleaning and disinfection in the food and beverage industry

Product Make-up

Extra-fine wire strand made of bare copper

Core insulation: PE

Core colours:

3-pin: bn, bu, bk

4-pin: bn, wh, bu, bk

5-pin: bn, wh, bu, bk, gy

Outer sheath made of special TPE

Color of the outer jacket: Black

Technical Data

Classification:

ETIM 5.0 Class-ID: EC001578

ETIM 5.0 Class-Description: Flexible cable

Core identification code:

acc. to EN 60947-5-2

Conductor stranding:

Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6

Minimum bending radius:

Flexing: 5 x outer diameter

Fixed installation: 3 x outer diameter

Temperature range:

Flexing: -40°C to +90°C

Fixed installation: -50°C to +90°C

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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

Other versions are available upon request

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 | Dimensions (mm ²) | Outer diameter [mm] | Colour | Copper index [kg/km] |
|----------------------|-------------------------------|---------------------|--------|----------------------|
| 0,25 mm ² | | | | |
| 7038897 | 4x0.25 | 4.9 | black | 10.2 |
| 0,34 mm ² | | | | |
| 7038895 | 3 x 0.34 | 5 | black | 9.8 |
| 7038894 | 4 x 0.34 | 5.4 | black | 13.1 |
| 7038896 | 5 x 0.34 | 5.9 | black | 16 |

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