

**INDUSTRIAL COMPONENT DATA**

# 0023301 ÖLFLEX PETRO FD 865 CP 3G0,5 LAPP ÖLFLEX PETRO FD 865 CP 3G0,5

Brand: LAPP | Manufacturer Part Number: 0023301



|                 |                                               |
|-----------------|-----------------------------------------------|
| Manufacturer    | LAPP                                          |
| MPN / Reference | 0023301                                       |
| Catalog number  | ÖLFLEX PETRO FD 865 CP 3G0,5                  |
| Category        | Power cable less 1 kV, for moving application |
| Minimum order   | 1 m.                                          |
| Document ID     | EO-DAED2A0098                                 |
| Generated       | 2026-08-03                                    |

## Product Overview

ÖLFLEX PETRO FD 865 CP 3G0,5

ÖLFLEX® PETRO FD 865 CP

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      LAPP &gt; ÖLFLEX FD cabling

## Additional Product Information

ÖLFLEX® PETRO FD 865 CP - Screened, halogenfree power and control cable for power chain application, oil- and mud resistant according to NEK 606

Extended Line Performance - Long travel lengths or high acceleration

Resistant to oil and drilling fluids

according to NEK TS 606:2016 (Oil & Mud)

EMC compliant copper screening

Benefits

Especially suitable for contact with oil- and ester-based drilling muds as well as calcium bromide solutions

Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media

Suitable for long horizontal drag chain travel distances

Additional robustness thanks to inner sheath

Wide temperature range for applications in harsh climatic environments

Copper braiding screens the cable against

electromagnetic interference

Application range

Permanently moved power chains or machine parts in harsh environment

Onshore and offshore applications

In wet areas within machinery and production or assembly lines

For use in assembling & pick-and-place machinery

For indoor and outdoor use

Product features

Salt water-resistant according to UL 1309

Halogen-free and flame-retardant

(IEC 60332-1-2)

Good weather, ozone, UV and oil resistance

Good notch and abrasion resistance

Flexible at low temperatures

EMC-compliant

Norm references / Approvals

DNV GL approved

Resistant to oil and drilling fluids according to NEK TS 606:2016 and IEC 61892-4

For use in power chains: Please comply with assembly guideline Appendix...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0023301 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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