

INDUSTRIAL COMPONENT DATA

0012448 ÖLFLEX EB 18X1 LAPP Control cable for intrinsically safe circuits according to IEC 60079-14 / EN 600..

Brand: LAPP | Manufacturer Part Number: 0012448



Manufacturer	LAPP
MPN / Reference	0012448
Catalog number	ÖLFLEX EB 18X1
Category	Power cable less 1 kV, for moving application
Minimum order	1 m.
Document ID	EO-74B58840D3
Generated	2026-08-05

Product Overview

ÖLFLEX EB 18X1

ÖLFLEX® EB

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path LAPP > Control cables for special applications

Additional Product Information

ÖLFLEX® EB - PVC control cable, flexible and numbered, with blue outer sheath for intrinsically-safe circuits, U0/U: 300/500V

CPR: Article number choice under www.lappkabel.com/cpr

For use within intrinsically safe circuits - type of protection 'i'

UV and weather-resistant according to ISO 4892-2

Benefits

Space-saving installation due to small cable diameters

Suitable for outdoor applications

Application range

For intrinsically safe circuits (type of protection i - intrinsic safety) according to IEC 60079-14:2013 / EN 60079-14:2014 / VDE 0165-1:2014, section 16.2.2

Product features

UV and weather-resistant according to ISO 4892-2

Flame-retardant according IEC 60332-1-2

Norm references / Approvals

Based on EN 50525-2-51

Product Make-up

Fine-wire strand made of bare copper wires

PVC insulation LAPP P8/1

Cores twisted in layers

Outer sheath: PVC, sky blue similar to RAL 5015

Classification ETIM 5

ETIM 5.0 Class-ID: EC000104

ETIM 5.0 Class-Description: Control cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000104

ETIM 6.0 Class-Description: Control cable

Core identification code

Black with white numbers acc. to VDE 0293-334

Mutual capacitance

Core/core approx. 140 nF/km

Inductivity

approx. 0.52 mH/km

Conductor stranding

Fine wire according to VDE 0295,

class 5/IEC 60228 class 5

Minimum bending radius

Occasional flexing: 15 x outer diameter

Fixed installation: 4 x outer diameter

Nominal voltage

U0/U: 300/500 V

Test voltage

Core/core: 3000 V

Temperature range

Occasional flexing:...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0012448 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.