

INDUSTRIAL COMPONENT DATA

0028105 ÖLFLEX ROBOT 900 DP 3x(2x0,14) LAPP Shielded, abrasion- and oil-resistant PUR robot cable for dynami..

Brand: LAPP | Manufacturer Part Number: 0028105



Manufacturer	LAPP
MPN / Reference	0028105
Catalog number	ÖLFLEX ROBOT 900 DP 3x(2x0,14)
Category	Power cable less 1 kV, for moving application
Minimum order	1 m.
Document ID	EO-E6720DE3DB
Generated	2026-08-05

Product Overview

ÖLFLEX ROBOT 900 DP 3X(2X0,14)

ÖLFLEX® ROBOT 900 DP

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path LAPP > ÖLFLEX ROBOTICS cabling

Additional Product Information

ÖLFLEX® ROBOT 900 DP - Screened power and control cable für bending and torsional load in harsh environmental conditions

Simultaneous bending and torsion

Torsion angle up to +/- 180 °/m

Copper screening

Benefits

Space-saving installation due to small cable diameters

Increased durability under harsh conditions thanks to robust PUR outer sheath

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

Wide temperature range for applications in harsh climatic environments

Copper shielding protects against electromagnetic interference

Application range

Industrial machinery and machine tools

Automated handling equipment

Automotive industry

In power chains or moving machine parts

Inside of dresspacks of buckling arm robots and for use for gantry robots

Product features

Abrasion and notch-resistant

Flame-retardant

High oil-resistance

Flexible at low temperatures

Low-adhesive surface

Norm references / Approvals

Designed for up to 5 million torsion cycles

For use in power chains: Please comply with assembly guideline Appendix T3

For travel distances up to 10 m

Product Make-up

Fine or extra-fine strands made of bare copper wire

Core insulation: TPE

Cores twisted in layers

Wrapping of PTFE tape

Spiral shield made of tinned copper wires

PUR outer sheath, black (similar RAL 9005)

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0028105 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.