

Special Encoder and resolver cables

Compatible with various drive systems

PUR feedback encoder cables in acc. to various OEM standards for dynamic power chain application, UL/CSA AWM certified

Info

Fits to various encoder systems

PUR outer sheath

AWM certification for USA and Canada



UV-resistant



Interference signals



Power chain



Oil-resistant



Mechanical resistance

Benefits

Allows much faster speed and accelerations which increases the economic efficiency of the machines

Multi-standard certification reduces part varieties and saves costs

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

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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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Application range

Servo drives and servo assemblies
In power chains or moving machine parts
Plant engineering
Particularly in wet areas of machine tools and transfer lines
Assembly lines, production lines, in all kinds of machines

Product features

Abrasion and notch-resistant
Oil-resistant
Flame-retardant according to IEC 60332-1-2 & CSA FT1

Norm references / Approvals

UL/CSA AWM Styles please refer to data sheet
UL File No. E63634
For use in power chains: Please comply with assembly guideline Appendix T3

Product Make-up

Design according to specific OEM standard
Refer to data sheet for more details
PUR outer sheath
Outer sheath colour: see part table

Technical Data

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
General:	More technical information of the abovementioned servo cables are available upon request.

Note

Unless specified otherwise, the shown product values are nominal values at room temperature. 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.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil $\leq$ 30 kg or $\leq$ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
The drive systems (Heidenhain, Elau, KEB, Controles Techniques, Berger Lahr, B & R, Fanuc) are registered trademarks that are listed for comparison purposes only. DESINA® is a registered trademark of the German Machine Tool Builders' Association.
Cables for power chain use should only be handled on drums prior to installation.
Article numbers refer to genuine Lapp products.
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.

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
Suitable for Heidenhain					
70388718	4 x 2 x 0,14 + 4 x 0,5	8.5	black	48	92
70388719	3 x (2 x 0,14) + 2 x (0,5)	8.3	black	64	100
70388720	3 x (2 x 0,14) + 2 x (1,0)	9.1	black	64	115
70388721	4 x 2 x 0,14 + 4 x 0,5 + (4 x 0,14)	8.3	black	56	102
Suitable for ELAU					
70388722	3 x 2 x 0,25 + 2 x 0,5	8.4	green	44	95
Suitable for KEB					
70388724	3 x (2 x 0,14) + 2 x (0,5)	8.1	green	64	100
Suitable for Berger Lahr					
70388726	5 x 2 x 0,25 + 2 x 0,5	9.5	green	56	120
Suitable for B & R					
70388727	3 x 2 x 24AWG	6.5	green	28	60
70388728	5 x 2 x 0,14 + 2 x 0,5	7.8	green	40	80
Suitable for FANUC					
70388730	5 x 0,5 + 2 x 2 x 0,18	7.6	green	94	169
70388731	2 x 0,5 + 4 x 2 x 0,22	7.6	green	72	120
70388732	3 x 2 x 0,18 + 6 x 0,5	8.7	green	105	189
70388733	3 x 2 x 0,18 + 6 x 1,0	8.7	green	140	252
70388734	5 x 2 x 0,18 + 6 x 0,5	8.7	green	114	205
70388735	10 x 2 x 24 AWG	9.0	green	60	121

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