

## ÖLFLEX® SERVO FD 70CS

Low capacitive hybrid servo cables with PUR outer sheath for highly dynamic power chain application - certified

ÖLFLEX® SERVO FD 70CS - hybrid cables for permanently moved power chain applications, UL/cUL AWM.

One cable solutions for servo drives

Suitable for various OEM transmission protocols

Extended Line Performance - High power chain requirements



(24.04.2024)

©2024 Lapp Group - all rights reserved.

<http://lappkorea.lappgroup.com>

data sheet

PN 0456 / 02\_03.16

# ÖLFLEX® SERVO FD 7OCS

가 가 가

Only one connection line between drive and motor-feedback system. Instead of the encoder cable integrated data pairs, quads or signal cores take over the signalling.

PUR

OCS - One Cable Solution

UL/CSA: VW-1, FT1.  
IEC/EN: 60332-1-2

UL AWM Style 21223 or 20233  
cRU AWM I/II A/B FT1  
UL File No. E63634

: 가 T3

Extra-fine or fine wired conductor made of bare or tinned copper

: (PP)

Individual design depending on the item: power cores with screened control pair or bundle and specific data pairs, quads or signal cores twisted together

PUR , (RAL 2003)

ETIM 5:

ETIM 5.0 Class-ID: EC000104  
ETIM 5.0

ETIM 6:

ETIM 6.0 Class-ID: EC000104  
ETIM 6.0 Class :

:

:

Power cores and brake pairs or triplets: Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6  
Signal cores, data pairs or star quads: Fine-wired

(24.04.2024)

# ÖLFLEX® SERVO FD 7OCS

: : 7.5 x  
: 5 x  
: Power and control cores:  
Version 1,3 & 4: IEC U<sub>0</sub>/U 600/1000 V  
Version 2: IEC 300 V  
UL all versions: see data sheet  
Individual data pairs and quads:  
see data sheet  
:  
:  
:  
:  
: -40°C +80°C  
: -50°C +80°C  
:  
: A2-1

www.lappkabel.de/en/cable-standradlengths ( : ) 가

가 VAT 가 가 .

# ÖLFLEX® SERVO FD 7OCS

Article number	(CORE) / (mm <sup>2</sup> )	(mm)	(kg/km)	(kg/km)
7OCS Version 1				
1023375	4 G 1,5 + (2 x 0,75) + (4 x 24AWG)	13.3	154	252
7OCS Version 2				
1023378	4 G 22AWG + (2 x 22AWG) + (4 x 26AWG)	9.8	75	128
1023385	4 G 22AWG + (2 x 22AWG) + (4 x 0,20)	9.8	75	128
1023386	4 G 19AWG + (2 x 21AWG) + (4 x 0,20)	10.6	100	159
1023380	4 G 1,5 + (2 x 1,5) + (4 x 0,20)	12.7	170	257
1023381	4 G 2,5 + (2 x 1,5) + (4 x 0,20)	13.7	210	303
7OCS Version 3				
1023373	4 G 1,5 + (2 x 0,75) + (2 x 0,30 + 2 x 2 x 0,15)	12.8	165	250
1023374	4 G 2,5 + (2 x 1) + (2 x 0,30 + 2 x 2 x 0,15)	14.2	213	316
1023376	4 G 4 + (2 x 1) + (2 x 0,30 + 2 x 2 x 0,15)	15.8	275	395
7OCS Version 4				
1023387	4 G 1,5 + (1 x Z50) + 2 x (2 x 1)	15.7	196	332
1023388	4 G 2,5 + (1 x Z50) + 2 x (2 x 1)	16.7	242	390
1023389	4 G 4 + (1 x Z50) + 2 x (2 x 1)	17.7	300	458
7OCS Version 5				
1023394	4 G 0,75 + (2 x 0,5) + (4 x 24AWG)	11.7	115	187

(24.04.2024)

©2024 Lapp Group - all rights reserved.

<http://lappkorea.lappgroup.com>

data sheet

PN 0456 / 02\_03.16

## ÖLFLEX® SERVO FD 70CS



(24.04.2024)