



<b>DATA SHEET</b>	0037060
<b>ÖLFLEX-SERVO-FD® 795 CP</b>	valid from : 10.07.2001

## Application

ÖLFLEX-SERVO-FD® 795 CP are high flexible screened servo motor cables with PUR jacket. The cable is UL approved and with DESINA admission. It's for flexible use and fixed installation for middle mechanical abuse. Intended for use between frequency converter and servo motor, etc. They are for use in dry and damp rooms as well as outdoors. ÖLFLEX-SERVO-FD® 795 CP cables are increased oil-resistant and at room temperature generally resistant against acids and caustics solutions. Usage of these cables in moving cable carriers, respectively on motor drum guidance or under a strain of more than 15 N/mm<sup>2</sup> is not allowed. The copper braid is a protection against electrical interference.

USE according to UL: PUR-sheathed cables for external interconnection of electronic equipment.  
USE according to CSA: PUR-sheathed cables for external interconnection with or without mechanical abuse.

## Technical data

Conductor	bare copper, extra fine wire strand in acc. to IEC 60228 Class 6, that is VDE 0295 Class 6		
Design	in acc. to UL Style 20234 (without control pairs) in acc. to UL Style 20235 (with control pairs)		
Core Insulation	TPE compound based on Polyolefin, UL 1581 Class 36		
Identification	in acc. to HD 186 that is VDE 0293, black cores with white numbers, with green/yellow ground conductor		
Taping	Vlies-Tape over core assembly		
Screen	braid of tinned copper, optical coverage 80 % (nominal value)		
Outer jacket	PUR-compound TMPU in acc. to HD 22.10 S1, flame retardant, Color: orange		
Nominal voltage	supply cores: IEC: 600/1000 V control pairs (if existing): IEC: 300 V	UL/CSA: 600 V UL/CSA: 300 V	
Test voltage	supply cores: 4000 V AC,	Control pairs (if existing): 1000 V AC	
Temp. range	for flex. use -40 up to +80°C max. conductor temperature fixed installation -50 to +80°C max. conductor temperature		
Min. bending radius	flex. use 7,5 x cable diameter		
Flame retardant	vertical flame test in acc. to UL 1581 § 1061, IEC 60 332.1, that is VDE 0482 part 265-2-1		
Oil resistance	in acc. to VDE 0472 part 803 test method B, UL 1581, 80°C		
Approvals	UL AWM Style 20234 and CSA AWM II A/B, without control pairs UL AWM Style 20235, with control pairs		
EC directive	This cable confirms to ECD 73/23/EEC (low voltage directive).		

elaborated by: TE-K:	Document: DB0037060_1EN	page 1 of 1
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