



<b>DATA SHEET</b>	3028268
<b>ÖLFLEX SERVO FD<sup>®</sup> 795 P</b>	valid from : 05.12.2006

## Application

ÖLFLEX SERVO FD<sup>®</sup> 795 P are high flexible 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<sup>®</sup> 795 P 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.

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, super fine wire strands 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	non woven material tape over core assembly	
Outer jacket	PUR-compound TMPU in acc. to HD 22.10 S1, flame retardant, colour: black	
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: control pairs (if existing):	4000 V AC 1000 V AC
Temp. range	for flex. use fixed installation	-40 up to +80°C max. conductor temperature -50 up to +80°C max. conductor temperature
Min. bending radius	flex. use 5 x cable diameter	
Flame retardant	vertical flame test in acc. to UL 1581 § 1061, IEC 60332.1	
Oil resistance	in acc. to VDE 0473 part 811-2-1, 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: M. Herb	Document: DB3028268EN	page 1 of 1
---------------------------------	-----------------------	-------------