



DATA SHEET	0036130
ÖLFLEX-SERVO® 730-730CY	valid from : 01.02.1997

Application

ÖLFLEX-SERVO® 730-730 CY cables are supply cables for servo-motors for flexible use and fixed installation for medium mechanical abuse. They are for use in dry, damp and wet rooms, but not outside. At room temperature it is generally resistant against acids, caustics solution and certain oils.

Continuous, busy movements, usage of these cables in moving cable carriers, respectively on motor drum guidance or under a strain of more than 15 N/mm² is not allowed. The screen by ÖLFLEX-SERVO® 730 CY cable is a protection against electrical interference.

Technical data

Conductor	bare copper, fine wire strand in accordance to IEC 228 that is VDE 0295, class 5
Design	in acc. to HD 21.5 S3 that is VDE 0281-5, partly in support
Core insulation	PVC compound TI2 in acc. to VDE 0207 part 4
Identification	in acc. to HD 186 resp. VDE 0293, black cores with white numbers with green/yellow ground conductor
Inner sheath 730 CY	PVC compound TM2 in acc. to VDE 0207 part 5
Screen 730 CY	braid of tinned copper, coverage = 85 % (nominal value)
Outer sheath	PVC compound TM2 in acc. to VDE 0207 part 5
Nominal voltage	600/1000 V
Test voltage	4000 V AC
Temp. range	fixed installation -30 up to +80° C max. conductor temperature
Min. bending radius for fixed installation	6 x cable diameter
Flame retardant	in acc. to IEC 60 332.1 resp. VDE 0482 part 265-2-1
Tests	in acc. to VDE 0472 and IEC 811-x.x that is VDE 0473
EC directive	This cable confirms to ECD 73/23/EEC (low voltage directive).

elaborated by: TE-K:	Document: DB0036130_1EN	page 1 of 1
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