



DATA SHEET	0036160
ÖLFLEX® SERVO 710 CY	valid from : 10.08.2006

Application

ÖLFLEX® SERVO 710 CY cables are feedback cables for servo motors. They are for use in dry, damp and wet rooms, but not outside. At room temperature they are 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 with drain wire is a protection against electrical interference. ÖLFLEX® SERVO 710 CY cables are not for heavy currents and so they are not confirm to ECD 73/23/EEC (low voltage directive).

Technical data

Conductor	bare copper, fine wire strand in accordance to IEC 60 228 that is VDE 0295, class 5
Design	similar to VDE 0812
Core insulation	compound of TPE
Identification	blue, white, red, pink, green, yellow, brown, black, grey
Screen	braid of tinned copper, coverage = 85 % (nominal value)
Outer sheath	PVC compound TM2 in acc. to HD 21.1 that is VDE 0281 part 1
Peak working voltage	450V USS
Test voltage	A-A: 2000 V AC A-S: 1000 V AC
Temp. range	fixed installation -40 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
Tests	in acc. to IEC 60 811-x.x that is VDE 0473

elaborated by: TE-K:	Document: DB0036160EN	page 1 of 1
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