



DATA SHEET	1135752
ÖLFLEX® CLASSIC 110 CY	valid from : 12.05.2004

Application

ÖLFLEX® CLASSIC 110 CY cables are VDE approved connecting- and control cables for flexible use and fixed installation for medium mechanical use. They are for use in dry, damp and wet rooms. They may only be installed outdoors with UV protection and in observation of the temperature range. At room temperature it is generally resistant against acids, caustics solutions and certain oils. ÖLFLEX® CLASSIC 110 CY cables are used as supply and interconnecting cable for controlling machine tools, production lines, control equipment on conveyors, also for use in measuring regulating and computer units. Suitable for freely moved without forced guidance and tensile stress. The screen is a protection against electrical interference.

Technical data

Conductor	bare copper, fine wire strand in accordance to IEC 60228 that is VDE 0295, class 5
Design	in accordance to HD 21.13S1 that is VDE 0281-13
Core insulation	LAPP special PVC compound P8/1, better than the PVC compound TI2 in accordance to VDE 0207 part 4
Identification	in acc. to HD 186 resp. VDE 0293, black cores with white numbers with or without green/yellow ground conductor
Inner sheath	PVC compound TM2 in acc. to VDE 0207 part 5 with increased requests to LAPP specification
Screen	braid of tinned copper, coverage = 85 % (nominal value)
Outer sheath:	PVC compound TM2 in acc. to VDE 0207 part 5 with increased requests to LAPP specification
Nominal voltage	300 / 500 V
Test voltage	4000 V AC
Temp. range	for flexible use -5 up to +70° C max. conductor temperature fixed installation -40 up to +80° C max. conductor temperature
Min. bending radius	flex. use : 20 x cable diameter 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 60811-x.x that is VDE 0473
Approvals	VDE - Reg. No. 7030
EC directive:	This cable confirms to ECD 73/23/EEC (low voltage directive).

elaborated by: TE-K: M. Herb	Document: DB1135752_1.1EN	page 1 of 1
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