	DATA SHEET	1119752
LAPP GROUP	ÖLFLEX® CLASSIC 110	valid from : 07.06.2005

Application

ÖLFLEX® CLASSIC 110 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 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.

Technical data

Conductor	bare copper, fine wire strand in accordance to IEC 60 228 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
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 15 x cable diameter fixed installation 4 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 60 811-x.x that is VDE 0473
Approvals	VDE - Reg. No. 7030
EC directive	This cable confirms to ECD 73/23/EEC (low voltage directive).