LAPP GROUP	**DATA SHEET**	0010400
	ÖLFLEX® CLASSIC 100 yellow	valid from : 15.07.2004

Application

ÖLFLEX® CLASSIC 100 yellow cables are PVC connecting cables for flexible use and fixed installation for medium mechanical use for special warning feature in accordance to VDE 0113 part 1 that is EN 60204 part 1. They are for use in dry, damp or wet rooms. They may only be installed outdoors with UV-protection and in observation of the temperature range. At room temperature they are generally resistant against acids, caustics solutions and certain oils. 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 P 8/1, better than the PVC compound TI2 in accordance to VDE 0207 part 4
Identification	colored-coded in acc. to HD 186 resp. VDE 0293 or HD 308S2 that is VDE 0293-308 with green/yellow ground conductor
Outer sheath	PVC-compound TM2 in acc. to VDE 0207 part 5 with increased requests to LAPP specification
Outer sheath color	yellow (RAL 1016)
Nominal voltage	450 / 750 V
Test voltage	4000 V AC
Temp. range	for flexible use -5 up to +70° C max. conductor temperature fixed installation -30 up to +80° C max. conductor temperature
Min. bending radius	flex. use: 15 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
EC directive	this cable confirms to ECD 73/23/EEC (low voltage directive).