LAPP GROUP	**DATA SHEET**	0010000
	ÖLFLEX® CLASSIC 100	valid from : 19.05.2010

Application

ÖLFLEX® CLASSIC 100 cables are 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 they are generally resistant against acids, caustics solutions and certain oils. ÖLFLEX® CLASSIC 100 cables are used as supply and flexible connecting cable in machine tool manufacture, plant engineering, in power stations, in heating and air conditioning installations, etc. Suitable for freely moved without forced guidance and tensile stress.

Technical data

Conductor	bare copper, fine wire strand in accordance to IEC 60228 resp. 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	with up to 5 cores are coloured-coded in acc. to HD 186 resp. VDE 0293 or HD308S2 that is VDE 0293-308; cables with more than 5 cores are colour-coded in acc. to LAPP-ÖLFLEX colour-code.	
Outer sheath	PVC-compound TM2 in acc. to VDE 0207 part 5 with increased requests to LAPP specification	
Nominal voltage	0,5 mm^2 to 1,5 mm^2 : from 2,5 mm^2 : from 2,5 mm^2 , fixed and protected installation:	300 / 500 V 450 / 750 V 600 / 1000 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 60332-1-2 resp. VDE 0482-332-2-1	
Tests	in acc. to IEC 60811 resp. VDE 0473 and VDE 0472	
EC directive	This cable is conform to ECD 2006/95/EC (Low Voltage Directive).	