



<b>DATA SHEET</b>	1314000
<b>ÖLFLEX® CLASSIC 415 CP</b>	valid from : 29.05.2007

## Application

ÖLFLEX® CLASSIC 415 CP cables are oil resistant control cables with an outer sheath of Polyurethane for flexible use and fixed installation for middle mechanical use. ÖLFLEX® CLASSIC 415 CP is suitable for freely moving without forced guidance and tensile stress. ÖLFLEX® CLASSIC 415 CP for use in dry, damp and wet rooms. Under following to the indicate temperature range is an use outside possible. ÖLFLEX® CLASSIC 415 CP cables are increased oil resistant and at room temperature generally resistant against acids and caustics solution. The outer sheath is resistant against high mechanical use, particularly to abrasion cuts, microbe proof and hydrolysis resistant. The cables are for use as control cables for machine tools, mechanical and instrument engineering. The screen is a protection against electrical interference.

## Technical data

Design	in acc. to HD 21.13 S1 resp. VDE 0281-13 and HD 22.10 S1 resp. VDE 0282-10
Conductor	bare copper, fine wire strand in acc. to IEC 60228 resp. VDE 0295 class 5
Core insulation	LAPP special PVC compound P8/1, superior to PVC compound TI2 in acc. to HD 21.1 S4 resp. VDE 0281-1
Identification	black cores with white numbers with or without green/yellow ground conductor in acc. to VDE 0293-1 and EN 50334 resp. VDE 0293-334
Taping	plastic foil
Screen	braid of tinned copper, coverage = 85 % (nominal value)
Outer sheath	Polyurethane compound TPU in acc. to HD 22.10 resp. VDE 0282-10
Nominal voltage	300/500 V
Test voltage	A/A: 4000 V AC A/S: 2000 V AC
Temp. rang:	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
Oil resistance	in acc. to IEC 60811-2-1 resp. VDE 0473-811-2-1
Tests	in acc. to IEC 60811-x-x resp. VDE 0473-part 811-x-x and VDE 0472
EC directive:	This cable confirms to ECD 2006/95/EC (low voltage directive).

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