



DATA SHEET	0013600
ÖLFLEX® 550 P	valid from : 01.02.1997

Application

ÖLFLEX® 550 P cables are high flexible oil-resistant connecting cables with an isolation of a compound of rubber and an outer sheath of Polyurethane for flexible use and fixed installation for increased mechanical abuse. They are for use in dry, damp and wet rooms. Under following to the indicate temperature range is an use outside possible. They are for use in dry, damp, wet rooms and outside. Continuous, busy movements, usage of these cables in moving cable carriers, respectively on motor drum guidance or under a strain of more than 15 N/mm² is not allowed. ÖLFLEX® 550 P cables are increased oil resistant and at room temperature generally resistant against acids and caustics solution. The outer sheath is resistant against high mechanical abuse, particularly to abrasion and grinding abuse. ÖLFLEX® 550 P cables are resistant against cuts, microbe proof and hydrolysis resistant.

Technical data

Conductor	bare copper, fine wire strand in accordance to IEC 228 that is VDE 0295, class 5
Design	in acc. to HD 21.10 S1 that is VDE 0282 part 10
Core insulation Identification:	rubber compound EI 6 in acc. to VDE 0282-1 coloured coded in acc. to HD 186 that is VDE 0293
Outer sheath:	Polyurethane compound TPU in acc. to HD 22.10 S1 that is VDE 0282-10
Outer sheath colour:	orange (RAL 2003)
Nominal voltage:	0.75 and 1.0 mm ² : 300/500 V 1.5 and 2.5 mm ² : 450/750 V
Test voltage:	3000 V AC
Temp. range:	for flexible use -40 up to +90° C max. conductor temperature
Min. bending radius:	flex. use 12.5 x cable diameter
Oil resistance:	in acc. to VDE 0472 part 803 test method b
Tests:	in acc. to VDE 0472 and IEC 811-x.x that is VDE 0473
Approvals:	until 1.0 mm ² : H05BQ-F from 1.5 mm ² : H07BQ-F
EC directive:	This cable confirms to ECD 73/23/EEC (low voltage directive).

elaborated by: TE-K:	Document: DB0013600_1EN	page 1 of 1
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