



ÖLFLEX® ROBUST 210

valid from: 03.11.2009

Application

ÖLFLEX® ROBUST 210 cables are control cables for flexible use and fixed installation for a robust mechanical use. They are for use in dry, damp and wet rooms. Under following to the indicate temperature range is an use outside possible. At room temperature they are increased resistant against acids, caustics solutions and certain oils, greases, waxes of vegetable, animal, mineral and/or synthetic basis. ÖLFLEX® ROBUST 210 cables are used as flexible control cable in machine tool manufacture, plant engineering, in power stations, in heating and air conditioning installations, agriculture, food-, pharmaceutical- and cosmetically industry, in composting- and sewage plants, by the production of textile fiber, of water based purification plants by industrial and private use. Suitable for freely moved, not permanently recurrent movement without forced guidance and tensile stress.

Technical data

Design	based on HD 21.13 S1 resp. VDE 0281-13	
Conductor	bare copper, fine wire strand in accordance to IEC 60228 resp. VDE 0295, class 5	
Core insulation	Special PP based compound	
Identification	Black cores with white numbers with or without GN/YE ground conductor acc. to DIN EN 50334 resp. VDE 0293-334	
Outer sheath	TPE compound, black	
Nominal voltage	300 / 500 V	
Test voltage	4000 V AC	
Min. bending radius	occasional flexing:	15 x cable diameter
	fixed installation:	4 x cable diameter
Temp. range	occasional flexing:	-40 up to +80° C max. conductor temperature
	fixed installation:	-50 up to +80° C max. conductor temperature
Tests	acc. to IEC 60811 resp. VDE 0473 and VDE 0472	
EC directive	This cable is conform to ECD 2006/95/EC (Low Voltage Directive).	