


0027503	<b>DATA SHEET</b>	
valid from: 01.01.2019	<b>ÖLFLEX® CRANE 2S</b>	

## Application

ÖLFLEX® CRANE 2S are cold flexible PVC sheathed power and control cables with two opposite supporting elements for flexible use. They are also suitable for use in dry, damp or wet areas. They are suitable for outdoor use if the indicated temperature range is observed. They are largely resistant to acids, alkalis and certain oils at room temperature.

Application range: Connection of movable control panels and consoles, self supporting shaft cable, high rack systems etc.;  
not applicable as lift cable.

## Design

Design	based on VDE 0250
Conductor	extra fine wire strands of bare copper, acc. to IEC 60228 resp. VDE 0295, Class 6
Insulation	T12 acc. to EN 50363-3 resp. VDE 0207-363-3
Core identification code	acc. to VDE 0293-1, with or without GN/YE ground conductor black cores with white numbers acc. to DIN EN 50334 resp. VDE 0293-334
Taping	non-woven wrapping over core stranding
Outer sheath	two steel supporting elements which are oppositely integrated into the outer sheath with a tensile strength of 2.100 N each steel rope diameter circa 1.8 mm  PVC compound TM4 acc. to EN50363-4-1 resp. VDE 0207-363-4-1 Colour: black, similar RAL 9005

## Electrical properties at 20°C

Rated voltage	U <sub>0</sub> /U: 300/500 V
Test voltage	3000 V AC

## Mechanical and thermal properties

Minimum bending radius	flexing: 20 x cable diameter
Temperature range	flexing: -15 °C up to +70 °C max. conductor temp.
Flammability	flame retardant in acc. with IEC 60332-1-2 resp. VDE 0482-332-1-2
Tests	acc. to IEC 60811 resp. VDE 0473-811 and VDE 0472
General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)

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