

2027503	<b>DATA SHEET</b>	
valid from: 22.05.2018	<b>ÖLFLEX® CRANE 2ST</b>	

## Application

ÖLFLEX® CRANE 2ST is a high-flexible PVC control cable with two steel-wire supporting elements and cold-flexible PVC jacket. For use at movable control panels and consoles, high rack systems, etc. Not applicable as a lift cable. For use in dry, damp or wet rooms as well as outdoors but only under consideration of the temper-ature range. Generally resistant against acids, caustic solution and oils at room temperature.

## Design

Design	Based on VDE 0250
Conductor	Extra-fine wire strands of bare copper acc. to IEC 60228 resp. VDE 0295, Class 6
Insulation	PVC compound T12 acc. EN 50363-3
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
Wrapping	Textile wrapping over the core assembly
Supporting element	Two steel supporting elements with a tensile strength of 2.100 N each which are oppositely integrated into the outer sheath. steel rope diameter 1,25 mm
Outer sheath	PVC compound TM4 acc. to EN 50363-4-1 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 AC
Test voltage	4000 V AC

## Mechanical and thermal properties

Minimum bending radius	Flexible: 20 x outer diameter
Temperature range	Flexible: -15 °C up to +70 °C max. conductor temperature
Flammability	acc. to IEC 60332-1-2 resp. VDE 0482-332-1-2
Tests	acc. to IEC 60811 and EN 50395
EU directives	This cable is conform to the EU directive 2014/35/EU (Low Voltage Directive)

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