Power and control cables

Conveyor technology • For push-button control units

ÖLFLEX® CRANE 2S
Flexible at cold temperatures, PVC cables with external steel supporting elements

Benefits
• Two steel support elements that are integrated into the outer sheath on opposite sides absorb the tensile forces during operation
• Tensile strength of 2100 N per supporting element

Application range
• For connecting movable control panels and consoles
• As a self-supporting shaft cable, in high rack systems
• Suitable for outdoor applications
• Do not use for lift applications!

The application profiles for ÖLFLEX® CRANE and ÖLFLEX® LIFT cables can be found in the appendix, selection table A3

Product features
• Flame-retardant according IEC 60332-1-2
• Flexible at low temperatures

Norm references / Approvals
• Based on VDE 0250

Product Make-up
• Strands of bare copper wires
• Special PVC-based core insulation
• Special textile wrapping to improve sliding movement between the sheath and cores
• Special PVC-based outer sheath
• Opposing, integrated steel supporting elements

Technical data

Classification
ETIM 5.0 Class-ID: EC000104
ETIM 5.0 Class-Description: Control cable

Core identification code
Black with white numbers acc. to VDE 0293-1

Conductor stranding
Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6

Minimum bending radius
Flexible use: 20 x outer diameter

Nominal voltage
Ue/U: 300/500 V

Test voltage
3000 V

Protective conductor
G = with GN-YE protective conductor
X = without protective conductor

Temperature range
Flexible use: -15°C to +70°C

<table>
<thead>
<tr>
<th>Article number</th>
<th>Number of cores and mm² per conductor</th>
<th>Cable Ø (mm)</th>
<th>Distance between strain wires (mm)</th>
<th>Copper index (kg/km)</th>
<th>Weight (kg/km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ÖLFLEX® CRANE 2S</td>
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<td>0027503</td>
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</table>

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standard-lengths
Packaging sizes: coil ≤ 30 kg or ≤ 250 m, otherwise drum
(For the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
Photographs are not to scale and do not represent detailed images of the respective products.

Info
• Double tensile strength safety
• Teach pad cable

Accessories
• EASY STRIP stripping and cutting tool refer to page 1004