



Flexible at cold temperatures, PVC cables with external steel supporting elements

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

- Double tensile strength safety
- Teach pad cable



Product description

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(R) LIFT cables can be found in the appendix, selection table A3

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

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

Norm references / Approvals

- Based on VDE 0250

Norm references / Approvals

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

Technical Data

Core identification code
Classification

Black with white numbers acc. to VDE 0293-1
ETIM 5.0 Class-ID: EC000104

Conductor stranding

ETIM 5.0 Class-Description: Control cable
Extra-fine wire according to VDE 0295, class 6/IEC
60228 class 6

Minimum bending radius

Flexible use: 20 x outer diameter

Nominal voltage

U₀/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