ÖLFLEX® LIFT F

Flexible at cold temperatures, PVC flat cables

Flat cables need less space than round cables; Smaller bending radii is possible

- For cable trolley application
- Space-saving installation
- Also suitable for power chains andlift applications

CE RoHS

Product description

Application range

- For hoisting equipment and conveyor systems
- Indoor cranes and high-rack facilities
- As supply line for moving machine parts
- According to VDE definition, this can also be used as a lift control cable with up to 35 m suspension length, and a maximum speed of travel at 1.6 m/s
- The application profiles for ÖLFLEX® CRANE and ÖLFLEX(R) LIFT cables can be found in the appendix, selection table A3

Benefits

- Flat cables need less space than round cables
- Smaller bending radii is possible

Product Make-up

- Strands of bare copper wires
- Core insulation: Based on PVC

- PVC-based outer sheath

Norm references / Approvals

- Based on EN 50214/ VDE 0283-2 (H05VVH6-F or H07VVH6-F)
- Meets the requirements of the harmonised PVC flat cable H07VVH6-F

Product features

- Flame-retardant according IEC 60332-1-2

Technical Data

Core identification code	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Classification	ETIM 5.0 Class-ID: EC000825 ETIM 5.0 Class-Description: Flat cable
Conductor stranding	U_0/U 300/500 V versions, fine wire according to VDE 0295 Class 5 or IEC 60228 Cl. 5 U_0/U 450/750 V versions, extra-fine wire according to VDE 0295 Class 6 or IEC 60228 Cl. 6 (from nominal conductor cross section 10 mm²: finely stranded/ class 5)
Minimum bending radius	Flexible use: 10 x cable thickness
Nominal voltage	Up to 1.0 mm²: U_0/U: 300/500 V From 1.5 mm²: U_0/U: 450/750 V
Test voltage	3000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Flexible use: 0 °C to +70 °C (up to 1.0 mm²) -15 °C to +70 °C (as from 1.5 mm²)