

Power and control cables

Various applications • PVC sheath and numbered cores



ÖLFLEX® CLASSIC 110

VDE-registered oil-resistant PVC control cable for a wide range of applications



Info

- VDE certificate of conformity with factory surveillance
- More than 140 versions with up to 100 cores



Benefits

- Wide range of standardized lengths and individual cuts
- Very broad range of items, versions with up to 100 cores

Application range

- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load
- Dry or damp rooms that are subject to medium mechanical loads
- Dairy and cheese technology
- Packaging machines
- Deighing and dosing systems
- Mills for grains and cereals
- In power chains for a travelling distance up to 5 m and 0,2 ... 1 million bending cycles, for following dimensions: 0,5 to 2.5mm² and 2 to 7 conductors

Product features

- Flame-retardant according to IEC 60332-1-2
- Good chemical resistance, see catalogue appendix T1
- Oil-resistant according to DIN EN 50290-2-22 (TM54)

Norm references / approvals

- VDE reg. no. 7030 for the following dimensions:
up to 2.5 mm²: 2 - 65 cores
from 4 mm²: 2 - 7 cores
from 25 mm²: 2 - 5 cores

Design

- Finely stranded bare copper wires
- PVC core insulation LAPP P8/1
- Cores twisted in layers
- PVC sheath, grey (RAL 7001)

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 design Fine wire according to DIN EN 60228 (VDE 0295), class 5 / IEC 60228 class 5
	Torsion application in WTG TW-0 & TW-1, refer to appendix T0
	Minimum bending radius Occasional flexing: 10 x outer diameter In power chains: 15 x outer diameter Fixed installation: 4 x outer diameter
	Nominal voltage U ₀ /U: 300/500 V
	Test voltage 4000 V
	Protective conductor G = with GN-YE protective conductor X = without protective conductor
	Temperature range Occasional flexing: -15°C to +70°C In power chains: -5°C to +70°C Fixed installation: -40°C to +80°C

Article number	Number of cores and mm ² per conductor	Standard lengths (m) and standard packaging							Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
		25	50	100	200	300	500	1000			
ÖLFLEX® CLASSIC 110											
1119804	4 X 0.75			100	200	300	500	1000	6.2	28.8	66