



H05VV5-F (EN 50525-2-51)

High acceptance in Europe due to Harmonisation

- Oil-resistant according to EN 50363-4-1: TM5
- Harmonised (HAR): H05VV5-F



Product description

Application range

- Plant engineering
Industrial machinery
Heating and air-conditioning systems
- Machine tools
- Mainly used in dry, damp and wet interiors (including water-oil mixtures), but not for outdoor use
- For fixed installation under medium mechanical load conditions, and applications with occasional flexing at free, non-continuously recurring movement without tensile load or compulsory guidance

Benefits

- High acceptance in Europe due to Harmonisation

Product Make-up

- Fine-wire strand made of bare copper wires
- PVC core insulation
- PVC outer sheath, high oil-resistance, grey (RAL 7001)

Norm references / Approvals

- EN 50525-2-51

Product features

- Flame-retardant according IEC 60332-1-2
- Oil-resistant according to EN 50363-4-1: TM5

Technical Data

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|--------------------------|---|
| Core identification code | Black with white numbers acc. to VDE 0293-1 |
| Classification | ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable |
| Conductor stranding | Fine wire according to VDE 0295, class 5/IEC 60228 class 5 |
| Minimum bending radius | Occasional flexing: 12.5 x outer diameter Fixed installation: 4 x outer diameter |
| Nominal voltage | U ₀ /U: 300/500 V |
| Test voltage | 3000 V |
| Protective conductor | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range | Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +70°C |