ÖLFLEX® HEAT 180 GLS

Steel-armoured silicone cables for increased mechanical stress

Close-meshed braid made of galvanised steel wires protects against mechanical damage; Longer durability in harsh applications than conventional silicone cables; Possesses insulating properties after combustion due to remaining SiO2 ash on the conductor

- Protected against thermal and mechanical loads

CE

RoHS

Product description

Application range

- Areas with high ambient temperatures and occasionally mechanical stress
- Typical fields of application
  - Steel and glass works
  - Cement and ceramic works
  - Foundries
  - Shipbuilding industry
  - Furnace construction

Benefits

- Close-meshed braid made of galvanised steel wires protects against mechanical damage
- Longer durability in harsh applications than conventional silicone cables
- Possesses insulating properties after combustion due to remaining SiO2 ash on the conductor

Product Make-up

- Fine-wire, tinned-copper conductor
- Silicone-based core insulation
- Cores twisted together
- Silicone-based outer sheath, colour red-brown
- Glass fibre wrapping
- Galvanised steel wire braiding

Product features

- Halogen-free and flame-retardant (IEC 60332-1-2)
- Only suitable for use in dry conditions

Technical Data

Core identification code	Colours according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Classification	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	Occasional flexing: 20 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U_0/U: 300/500 V
Test voltage	2000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	-50 °C to +180 °C (adequate ventilation required)