Application

ÖLFLEX® HEAT 260 MC cables are heat resistant cables. Besides having excellent mechanical and physical properties, ÖLFLEX® HEAT 260 MC cables also are characterized by very good electrical values as well as outstanding resistance against oil, weather and UV- radiation. In addition these cables are resistant to water, acids, alkalis, solvents, paints, petrol and oils. They have also high dielectric strength and high abrasion resistance. The cables are flame retardant.

Design

Conductor
fine wire strands of nickel plated copper acc. to IEC 60228 resp. VDE 0295 class 5

Insulation
Polytetrafluoroethylene (PTFE), 5YI1 acc. to VDE 0207 part 6

Core identification code
colour coded according VDE 0293-308, with or without gn/ye ground conductor

Stranding
cores twisted together

Outer sheath
Polytetrafluoroethylene (PTFE), 5YM1 acc. to VDE 0207 part 6
colour: black, similar RAL 9005

Electrical properties at 20°C

Rated voltage
U₀/U: 300/500 V

Test voltage
2500 V AC

Mechanical and thermal properties

Minimum bending radius
occasional flexing: 15 x outer diameter
fixed installation: 4 x outer diameter

Temperature range
fixed installation: -190°C up to +260° C max. conductor temperature
for short-time: up to +300°C

Flammability
flame retardant acc. to IEC 60332-1-2

General requirements
These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)