



DATA SHEET	0091120
ÖLFLEX® HEAT 260 GLS	valid from : 07.02.2008

Application

ÖLFLEX® HEAT 260 GLS is a special connection and control cable having by its design and material-conditioned excellent electrical, thermal, chemical and mechanical properties. ÖLFLEX® HEAT 260 GLS cables are recommended for installation in dry rooms but not in damp rooms or for outdoor use. Their movement should not be forced, respectively the use with cable drums or rolls is not allowed. The cables are flame retardant.

These cables are especially used for ship building (German Lloyd Approval) for wiring of Diesel engines and stream boiler units as well as in many other areas of industrial applications.

Design

Conductor	fine strands of nickel plated copper wires acc. to IEC 60228 resp. VDE 0295, class 5
Core insulation	PTFE compound 5Y11 in acc. to VDE 0207 part 6 (polytetrafluoroethylene)
Core identification	acc. to VDE 0293-1, with or without gn/ye ground conductor up to 5 cores coloured in acc. to HD 308 S2 resp. VDE 0293-308 7-core version: gn/ye, bl, bn, bk, bk, bk, tr
Cable design	cores twisted together
Inner braid	impregnated glass fibre braiding
Outer braid	galvanized steel wire braiding

Electrical properties at 20 °C

Nominal voltage	300 V / 500 V off GL-scope 250 V within GL-scope
Test voltage	1500 V AC

Mechanical and thermal properties

Temperature range	-190 °C up to +260 °C max. conductor temperature, off GL-scope up to +205 °C within GL-scope
Min. bending radius	5 x cable diameter for fixed installation
Approvals	Germanischer Lloyd Certificate No. 54 498 – 71 HH
Tests	acc. to IEC 60811-x-x resp. VDE 0473 part 811-x-x and VDE 0472
EC directive	this cable confirms to ECD 2006/95/EC (low voltage directive).

elaborated by: TE-K: M. Herb / R. Krämer	Document: DB0091120EN	page 1 of 1
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