



DATA SHEET	30016373
ÖLFLEX® HEAT 205 PTFE/FEP 4 X 0,75mm ²	valid from : 04.02.2008

Application

ÖLFLEX® HEAT 205 PTFE/FEP 4 X 0,75mm² is a cold and heat resistant cable. Besides having excellent mechanical and physical properties, ÖLFLEX® HEAT 205 PTFE/FEP 4 X 0,75mm² is characterized by very good electrical values as well as outstanding resistance against oil, weather and UV-radiation. ÖLFLEX® HEAT 205 PTFE/FEP 4 X 0,75mm² is resistant against the action of water, acids, alkalis, solvents, synthetic liquids and oils. The screen is a protection against electrical interference. The cables are flame retardant.

Design

Conductor	fine strands of silver plated copper wires acc. to IEC 60228 resp. VDE 0295, class 5
Core insulation	PTFE compound 5Y11 acc. to VDE 0207 part 6 (polytetrafluoroethylene)
Core colours	blue, red, grey, black
Cable identification	cores twisted together, polyester tape wrapping
Screen	braid of tinned copper, coverage = 85% (nominal value)
Outer sheath	FEP compound 6YM1 acc. to VDE 0207 part 6, white

Electrical properties at 20 °C

Nominal voltage	300 / 500 V
Test voltage	3000 V AC

Mechanical and thermal properties

Temperature range	-100 up to +205° C max. conductor temperature
Min. bending radius	4 x cable diameter for fixed installation 15 x cable diameter for flex. applications
EC directive	this cable confirms to ECD 2006/95/EC (low voltage directive).

elaborated by: TE-K: M. Herb / R. Krämer	Document: DB30016373EN	page 1 of 1
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