LAPP GROUP	**DATA SHEET**		1123000
	ÖLFLEX® CLASSIC 130 H		valid from : 20.03.2008

Application

ÖLFLEX CLASSIC 130 H are halogen free, flame retardant control cables for flexible use and fixed installation for normal mechanical use. They are among others for use in dry and damp rooms. They may only be installed outdoors with UV-protection and in observation of the appropriate temperature range. They are not for use in non-continuously recurring movement. Continuous, busy movements, movements forced by the guide, usage of these cables in moving cable carriers or on motor drum guidance or under a strain of more than 15 N/mm² is not allowed.
ÖLFLEX® CLASSIC 130 H can be used in public facilities, airports, railway stations, plants engineering and constructions, air conditioning systems and particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards.

Design

Design	acc. to HD 21.14 S1 resp. VDE 0281 part 14
Conductor	fine wire strands of bare copper, acc. to IEC 60228 resp. VDE 0295, class 5
Core insulation	halogen free compound TI6 acc. to HD 21.14 S1 resp. VDE 0281 part 14
Core identification	acc. to VDE 0293-1, with or without gn/ye ground conductor black cores with white numbers acc. to DIN EN 50334 resp. VDE 0293 part 334
Outer sheath	halogen free compound TM7 acc. to HD 21.14 S1 resp. VDE 0281 part14 colour: silver grey

Electrical properties at 20 °C

Nominal voltage	300 / 500 V
Test voltage	4000 V AC

Mechanical and thermal properties

Temperature range	for flex. applications -15 °C to +70 °C max. conductor temperature fixed installation -40 °C to +70 °C max. conductor temperature
Min. bending radius	4 x cable diameter for fixed installation 15 x cable diameter for flex. applications
Flammability	flame retardant in acc. to IEC 60332-1-2 resp. VDE 0482-332-1-2 flame retardant in acc. to IEC 60332-3-24 (Cat. C) resp. VDE 0482-266-2-4
Smoke density	acc. to IEC 61034-2
Toxicity	acc. to NES 713 part 3
Halogen-free	acc. to IEC 60754-1 resp. VDE 0472 part 815
Corrosivity	acc. to IEC 60754-2 resp. VDE 0482 part 267-2-3
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).