

# ÖLFLEX® CLASSIC 130 H BK/135 CH BK

Low smoke, zero halogen control cable

LAPP KABEL STUTTGART ÖLFLEX® CLASSIC 130 H BK

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ÖLFLEX® CLASSIC 130 H BK/135 CH BK is a low smoke, zero halogen (LSZH) multi-conductor power and control cable. It is for use in all electrical equipment in dry or damp conditions. It is UV and weather resistant and comes in shielded and unshielded versions.

## Recommended applications

Public buildings; airports; railway stations; amusement rides; areas where human safety is a concern

## Approvals



Cable attributes		page 648	
OIL	OR-01	FLAME	FR-04
MOTION	FL-01	MECH.	MP-01

## Unshielded construction

**Conductors:** finely stranded bare copper

**Insulation:** halogen-free

**Jacket:** halogen-free; black

## Shielded construction

**Conductors:** finely stranded bare copper

**Insulation:** halogen-free

**Shielding:** foil tape; tinned copper braid (85% coverage)

**Jacket:** halogen-free; black

## Application advantage

- Low smoke, zero halogen (LSZH)
- Flame retardant
- Highly flexible
- UV-resistant jacket

## Complete the installation



SKINTOP®  
strain relief  
page 492



EPIC®  
connectors  
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## Technical data

<b>Minimum bend radius:</b>	4 x cable diameter
<b>Temperature range:</b>	
- for flexible use:	-25°C to +70°C (UL: +75°C)
- for stationary use:	-40°C to +80°C (UL: +75°C)
<b>Nominal voltage:</b>	
- UL:	1000V
- U <sub>0</sub> /U:	600/1000V
<b>Test voltage:</b>	4000V
<b>Conductor stranding:</b>	Class 5 fine wire

<b>Color code:</b>	
- up to 5c:	VDE 0293-308: chart 6, page 681
- 6c & higher:	black with white numbers, plus green/yellow ground

<b>Approvals:</b>	UL: AWM 21156
Attributes:	sunlight resistant NFPA 79
Additional:	CE & RoHS LS acc. to IEC 61034-2 HF acc. to IEC 60754-1 Corrosiveness acc. to IEC 60754-2 FR acc. to IEC 60332-3-22/24/25

ÖLFLEX® CLASSIC 130 H BK

Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
<b>18 AWG (1.0 mm<sup>2</sup>)</b>						
1123410	2	0.339	8.6	13	72	S2111
1123411	3	0.355	9.0	19	83	S2111
1123412	4	0.378	9.6	26	97	S2113
1123413	5	0.410	10.4	32	112	S2113
1123414	7	0.437	11.1	45	138	S2113
1123415	12	0.552	14.0	77	211	S2221
1123416	18	0.634	16.1	116	288	S2121
1123417	25	0.733	18.6	161	382	S2229
<b>16 AWG (1.5 mm<sup>2</sup>)</b>						
1123418	2	0.378	9.6	19	92	S2113
1123419	3	0.398	10.1	29	108	S2113
1123420	4	0.426	10.8	39	128	S2113
1123421	5	0.461	11.7	48	149	S2113
1123422	7	0.496	12.6	68	185	S2116
1123423	12	0.634	16.1	116	287	S2121
1123424	18	0.741	18.8	174	401	S2229
1123425	25	0.855	21.7	242	537	S2129
<b>14 AWG (2.5 mm<sup>2</sup>)</b>						
1123426	2	0.426	10.8	32	124	S2113
1123427	3	0.445	11.3	48	147	S2113
1123428	4	0.481	12.2	65	176	S2116

\* 2c cable does not include ground

Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
1123429	5	0.524	13.3	81	206	S2116
1123430	7	0.567	14.4	113	262	S2221
1123431	12	0.737	18.7	194	419	S2229
1123432	18	0.867	22.0	290	591	S2129
1123433	25	1.017	25.8	403	814	S2236
<b>12 AWG (4 mm<sup>2</sup>)</b>						
1123434	3	0.496	12.6	77	195	S2116
1123435	4	0.540	13.7	103	236	S2116
1123436	5	0.587	14.9	129	280	S2221
<b>10 AWG (6 mm<sup>2</sup>)</b>						
1123437	3	0.548	13.9	116	253	S2221
1123438	4	0.595	15.1	155	311	S2121
1123439	5	0.662	16.8	194	376	S2121
<b>8 AWG (10 mm<sup>2</sup>)</b>						
1123440	4	0.737	18.7	258	509	S2229
1123441	5	0.816	20.7	323	615	S2129
<b>6 AWG (16 mm<sup>2</sup>)</b>						
1123442	4	0.839	21.3	413	719	S2129
1123443	5	0.930	23.6	516	871	S2129
<b>4 AWG (25 mm<sup>2</sup>)</b>						
1123444	4	1.032	26.2	645	1096	S2242

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Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
<b>18 AWG (1.0 mm<sup>2</sup>)</b>						
1123460	2	0.370	9.4	27	81	53112230
1123461	3	0.386	9.8	34	94	53112230
1123462	4	0.410	10.4	42	111	53112230
1123463	5	0.441	11.2	51	128	53112230
1123464	6	0.469	11.9	65	155	53112240
1123465	12	0.591	15.0	114	242	53112250
1123466	18	0.682	17.3	160	332	53112250
1123467	25	0.780	19.8	212	432	53112260
<b>16 AWG (1.5 mm<sup>2</sup>)</b>						
1123468	2	0.410	10.4	36	100	53112230
1123469	3	0.429	10.9	47	119	53112230
1123470	4	0.457	11.6	58	140	53112230
1123471	5	0.493	12.5	70	163	53112240
1123472	7	0.528	13.4	92	202	53112240
1123473	12	0.682	17.3	160	327	53112250
1123474	18	0.796	20.2	239	464	53112260
1123475	25	0.910	23.1	319	614	53112260
<b>14 AWG (2.5 mm<sup>2</sup>)</b>						
1123476	2	0.457	11.6	53	132	53112230
1123477	3	0.477	12.1	71	163	53112240
1123478	4	0.512	13.0	90	197	53112240

\* 2c cable does not include ground

Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
1123479	5	0.556	14.1	106	230	53112250
1123480	7	0.607	15.4	151	310	53112250
1123481	12	0.792	20.1	258	482	53112260
1123482	18	0.922	23.4	369	679	53112260
1123483	25	1.080	27.4	512	921	53112270
<b>12 AWG (4 mm<sup>2</sup>)</b>						
1123484	3	0.528	13.4	113	220	53112240
1123485	4	0.579	14.7	142	268	53112250
1123486	5	0.626	15.9	168	317	53112250
<b>10 AWG (6 mm<sup>2</sup>)</b>						
1123487	3	0.587	14.9	156	278	53112250
1123488	4	0.634	16.1	201	349	53112250
1123489	5	0.701	17.8	239	408	53112260
<b>8 AWG (10 mm<sup>2</sup>)</b>						
1123490	4	0.792	20.1	330	562	53112260
1123491	5	0.863	21.9	394	669	53112260
<b>6 AWG (16 mm<sup>2</sup>)</b>						
1123492	4	0.887	22.5	494	778	53112260
1123493	5	0.985	25.0	597	946	53112270
<b>4 AWG (25 mm<sup>2</sup>)</b>						
1123494	4	1.095	27.8	757	1131	53112270

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. If not otherwise specified, all values relating to the product are nominal values.