

ÖLFLEX® SPIRAL 540 P

Retractable power supply cable with safety yellow PUR jacket



ÖLFLEX® SPIRAL 540 P is a multi-conductor, TPE-insulated, retractable power supply cable with a yellow polyurethane outer jacket. It may be used both indoors and outdoors in wet, dry, or hot conditions. The cable has an extension capability of up to 3.5 times its retracted length.

Recommended applications

Power supply for machine tools, cranes, and hoists

Approvals



Construction

Conductors: finely stranded bare copper

Insulation: TPE; dry lubricant

Jacket: flame-retardant polyurethane; yellow

Application advantage

- Highly visible safety yellow jacket
- Abrasion- and cut-resistant jacket
- Highly resistant to oils and low temperatures
- Halogen-free jacket
- Special spiral designs are available, see page 151

Cable attributes page 648

OIL	OR-05	FLAME	FR-02
MOTION	FL-02	MECH.	MP-05

Complete the installation



SKINTOP® strain relief
page 492



EPIC® connectors
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Technical data

Length & type of tails:	8 in (200 mm), tangential 24 in (600 mm), tangential	Conductor stranding:	Class 5 fine wire
Temperature range:	-30°C to +50°C	Color code:	- up to 5c: VDE 0293-308: chart 6, page 681 - 7c: black with white numbers, plus green/yellow ground
Nominal voltage:	- 18 AWG: 300/500V - 16 - 14 AWG: 450/750V	Approvals:	CE & RoHS
Test voltage:	3000V		

If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question.

ÖLFLEX® SPIRAL 540 P

Part number	Number of conductors incl. ground*	Nominal outer diameter		Nominal spiral outer diameter		Extended spiral length		Retracted spiral length		Copper weight lbs/100 pcs.	Approx. weight lbs/100 pcs.	SKINTOP® SL PG thread
		in	mm	in	mm	in	mm	in	mm			
18 AWG (1 mm²)												
73220123	2	0.276	7.0	0.946	24	39	1000	12	300	14	38	S2111
73220124	2	0.276	7.0	0.946	24	79	2000	24	600	23	60	S2111
73220125	2	0.276	7.0	0.946	24	138	3500	39	1000	35	92	S2111
73220126	2	0.276	7.0	0.946	24	197	5000	59	1500	49	138	S2111
73220127	3	0.292	7.4	1.143	29	39	1000	12	300	24	54	S2111
73220128	3	0.292	7.4	1.143	29	79	2000	24	600	41	91	S2111
73220129	3	0.292	7.4	1.143	29	138	3500	39	1000	61	142	S2111
73220130	3	0.292	7.4	1.143	29	197	5000	59	1500	87	210	S2111
71220131	4	0.323	8.2	1.182	30	39	1000	12	300	30	63	S2111
71220132	4	0.323	8.2	1.182	30	79	2000	24	600	50	97	S2111
71220133	4	0.323	8.2	1.182	30	138	3500	39	1000	78	155	S2111
71220134	4	0.323	8.2	1.182	30	197	5000	59	1500	109	232	S2111
71220135	5	0.355	9.0	1.261	32	39	1000	12	300	36	70	S2113
71220136	5	0.355	9.0	1.261	32	79	2000	24	600	60	115	S2113
71220137	5	0.355	9.0	1.261	32	138	3500	39	1000	93	187	S2113
71220138	5	0.355	9.0	1.261	32	197	5000	59	1500	123	262	S2113
73220139	7	0.430	10.9	1.576	40	39	1000	14	350	53	114	S2113
73220140	7	0.430	10.9	1.576	40	79	2000	28	700	96	209	S2113
73220141	7	0.430	10.9	1.576	40	138	3500	47	1200	155	340	S2113
73220142	7	0.430	10.9	1.576	40	197	5000	67	1700	203	425	S2113
16 AWG (1.5 mm²)												
73220143	2	0.331	8.4	1.221	31	39	1000	12	300	23	62	S2111
73220144	2	0.331	8.4	1.221	31	79	2000	24	600	38	101	S2111
73220145	2	0.331	8.4	1.221	31	138	3500	39	1000	58	163	S2111
73220146	2	0.331	8.4	1.221	31	197	5000	59	1500	84	239	S2111
73220147	3	0.351	8.9	1.261	32	39	1000	12	300	33	69	S2113
73220148	3	0.351	8.9	1.261	32	79	2000	24	600	52	116	S2113
73220149	3	0.351	8.9	1.261	32	138	3500	39	1000	81	183	S2113
73220150	3	0.351	8.9	1.261	32	197	5000	59	1500	114	263	S2113
71220151	5	0.430	10.9	1.576	40	39	1000	14	350	63	120	S2113
71220152	5	0.430	10.9	1.576	40	79	2000	28	700	99	205	S2113
71220153	5	0.430	10.9	1.576	40	138	3500	47	1200	172	336	S2113
71220154	5	0.430	10.9	1.576	40	197	5000	67	1700	237	447	S2113
73220155	7	0.532	13.5	2.049	52	39	1000	14	350	85	185	S2121
73220156	7	0.532	13.5	2.049	52	79	2000	28	700	150	325	S2121
73220157	7	0.532	13.5	2.049	52	138	3500	47	1200	255	543	S2121
73220158	7	0.532	13.5	2.049	52	197	5000	67	1700	351	786	S2121
14 AWG (2.5 mm²)												
73220159	3	0.418	10.6	1.576	40	39	1000	14	350	61	118	S2113
73220160	3	0.418	10.6	1.576	40	79	2000	28	700	102	201	S2113
73220161	3	0.418	10.6	1.576	40	138	3500	47	1200	170	345	S2113
73220162	3	0.418	10.6	1.576	40	197	5000	67	1700	226	486	S2113
71220163	5	0.528	13.4	2.009	51	39	1000	14	350	110	187	S2116
71220164	5	0.528	13.4	2.009	51	79	2000	28	700	192	335	S2116
71220165	5	0.528	13.4	2.009	51	138	3500	47	1200	305	553	S2116
71220166	5	0.528	13.4	2.009	51	197	5000	67	1700	416	744	S2116

* 2c cable does not include ground

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.