

UNITRONIC® FD 890

Continuous flex 300V multi-conductor PVC industrial communication cable; unshielded

LAPP KABEL STUTTGART UNITRONIC® FD 890

UNITRONIC® FD 890 is designed for continuous flexing signal and low voltage control applications. The specially blended PVC jacket is resistant to most oils, solvents, and water-based coolants.

Recommended applications

High-speed automated equipment; robotics; CNC and multi-axis cutting equipment; other cable track applications

Approvals



Cable attributes

page 648

 OIL	OR-03	 FLAME	FR-02
 MOTION	CF-02	 MECH.	MP-01

Complete the installation



SKINTOP®
strain relief
page 497



EPIC®
connectors
page 284

ÖLFLEX® CONNECT solution



ÖLFLEX® CONNECT CABLES
page 605

Technical data

 **Minimum bend radius:**
- for continuous flexing: 7.5 x cable diameter

 **Temperature range:**
- for continuous flexing: -5°C to +90°C
- for stationary use: -40°C to +90°C

 **Nominal voltage:** 300V (not for power)

 **Test voltage:** 2000V

 **Conductor stranding:** Class 6 super fine wire

 **Color code:** DIN 47100: chart 8, page 682

 **Approvals:**
UL: AWM 20132
Attributes: -25°C cold bend
NFPA 79
Canada: CSA AWM I/II A/B FT1
Additional: RoHS

Part number	Number of conductors	Nominal outer diameter		Copper weight	Approx. weight	SKINTOP® SL
		in	mm	lbs/mft	lbs/mft	PG thread
24 AWG (0.24 mm²)						
892405	5	0.242	6.1	8	40	S1107
892407	7	0.281	7.1	11	50	S1111
892410	10	0.349	8.9	15	65	S1111
892414	14	0.350	18.9	21	83	S1111
892425	25	0.485	12.3	38	138	S1116

Part number	Number of conductors	Nominal outer diameter		Copper weight	Approx. weight	SKINTOP® SL
		in	mm	lbs/mft	lbs/mft	PG thread
22 AWG (0.34 mm²)						
892203	3	0.210	5.3	8	33	S1107
892205	5	0.254	6.5	12	50	S1109
892207	7	0.293	7.4	14	66	S1111
892210	10	0.377	9.6	24	91	S1113
892214	14	0.376	9.6	34	140	S1113
892218	18	0.416	10.6	43	161	S1113
892225	25	0.519	13.2	60	194	S1116



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