

ÖLFLEX® AUTO-I

Heavy Duty, Flexible Control Cable with Colored Conductors for DC, AC or Control Wiring



ÖLFLEX® AUTO-I is a UV resistant, multi-conductor cable designed for use on Machine Tool Equipment and other industrial machinery conforming to NFPA 79 2012 wiring norms. ÖLFLEX® AUTO-I is color coded with either blue, red, yellow, orange or black conductors for DC, AC or control wiring.

Recommended Applications:

Machine Tool machinery, Food & Beverage, Processing equipment, Automotive and Machine wiring for conformance to NFPA 79 2012

Application Advantage:

- Industrial grade PVC jacket (Oil Res I/II)
- Conforms to NFPA 79 2012 standards for wiring machinery
- UL TC-ER, MTW & CSA CIC/TC approved
- Number coded for easy wiring with either black, blue, red, orange or yellow conductors

ÖLFLEX® AUTO-I Construction:

Finely stranded bare copper conductors; specially formulated PVC/nylon insulation; specially formulated gray PVC jacket.

LAPP KABEL STUTTGART ÖLFLEX® AUTO-I (UL) TC-ER OR MTW 90°C 600V --- CSA CIC/TC AWM



Cable Attributes, See Page 653

	Oil Resistance: OR-03		Flame Resistance: FR-03
	Motion Type: FL-01		Mechanical Properties: MP-03

Availability:

Standard put-ups are 100ft, 250ft, 500ft, and 1,000ft. Bulk reels can be cut to length.

Complete the installation with:

	SKINTOP® Strain Relief: Page 486		EPIC® Connectors: Page 251
			ÖLFLEX® VFD Slim: Page 130

Jacket is dual printed with AWG/mm² equivalent. Minimums may apply.

Additional color code for the conductors and jacket available upon request.

Cable Legend Example:

LAPP KABEL STUTTGART ÖLFLEX® AUTO-I P/N 2518331B 18 AWG (1.00MM²)/33C (UL) TC-ER 90°C DRY 75°C WET 600V OIL RES I or MTW "FLEXING" or WTTC 1000V 90°C DRY or c(UL) CONTROL CIC/TC PVC/N FT4---CSA AWM II A/B 90°C 1000V FT4 CE ROHS

Technical Data:

Minimum Bend Radius for installation: 5 x cable diameter

Temperature Range: -25°C to +90°C

Nominal Voltage: 600V
1000V - Wind Turbine Tray Cable

Color Code: Red, blue, black, yellow or orange with black numbers, plus green/yellow ground (Black conductor has white numbers)
More than 7c: - For blue: No. 2 cond. is white with blue stripe
- For red: No. 2 cond. is white, plus grn/yel ground
- For yellow: No. 2 cond. is white, plus grn/yel ground
- For orange: No. 2 cond. is white, plus grn/yel ground

Approvals: UL: - TC-ER per UL 1277
- MTW per UL 1063
Attributes: - UL Oil Res I/II
- NFPA 79 2012
- 75°C Wet
NEC: - Class 1 Division 2 per NEC Article 501
CSA: - c(UL) CIC/TC FT4
- AWM I/II A/B FT4

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	kg/km
18 AWG (19/30) 1.00 mm² (BLUE)						16 AWG (26/30) 1.32 mm² (BLUE)					
2518031B	3	.297	7.5	19	57	2516031B	3	.323	8.2	27	65
2518051B	5	.346	8.7	31	77	2516071B	7	.409	10.4	64	125
2518071B	7	.373	9.4	44	100	2516111B	11	.541	13.7	100	202
2518111B	11	.463	11.8	69	157	2516121B	12	.557	14.1	109	220
2518121B	12	.477	12.1	75	171	2516171B	17	.638	16.1	154	259
2518191B	19	.583	14.8	119	254	2516191B	19	.643	16.3	172	285
2518251B	25	.677	17.2	156	322	2516251B	25	.737	18.7	227	397
2518331B	33	.736	18.7	206	397	2516331B	33	.816	20.7	299	510
2518421B	42	.818	20.7	263	510	2516421B	42	.950	24.1	381	625
2518491B	49	.908	23.0	306	620	2516491B	49	1.005	25.5	445	760
2518651B	65	1.011	25.6	407	726	2516651B	65	1.123	28.5	590	890

Replace the B at the end of the P/N with R for red conductors, Y for yellow conductors, BK for black conductors or O for orange conductors