

ÖLFLEX® AUTO-I

UDB251803IBEN

Date: January 1, 2019

1. APPLICATION

ÖLFLEX® AUTO-I is a UV-resistant, multi-conductor cable designed for use on machine tool equipment and other industrial machinery. ÖLFLEX® AUTO-I is color-coded with either blue, red, yellow, orange, or black conductors for DC, AC, and other control wiring.

Applications:

Machine tool machinery; food & beverage; processing equipment; automotive and machine wiring for conformance to NFPA 79.

Underwriters Laboratories

For Tray use in exposed run applications, Wind Turbines, Machine Tools etc. and internal or external wiring of electrical and electronic equipment.

Canadian Standards

For Tray use, Control Instrumentation, Appliance Wiring Material and internal or external wiring of electrical and electronic equipment applications.

2. CABLE DESCRIPTION

- Bare copper flexible stranding
- PVC/Nylon insulation
- Blue color coded conductors with white identification
- Green/Yellow ground wire
- Gray (RAL 7001) UV, oil and flame resistant specially formulated thermoplastic elastomer jacket

3. TECHNICAL DATA

Conductor Stranding	18 AWG (1,0 mm ²) to 14 AWG (2,50 mm ²): Class K	
Design / Make-up	Cable is designed in accordance with the requirements of UL Standard 1277 and with CSA standards C22.2 No. 230 & No. 239	
Insulation	Specially formulated PVC insulation with Nylon	
Color Code	<u>3 conductor cables:</u>	Blue (B) conductors with white numbers plus green/yellow (30% stripe width)
	<u>4 or more conductor cables:</u>	No. 2 conductor is white/blue stripe
	<u>Additional colors available:</u>	Black (BK), Red (R), Orange (O) or Yellow (Y)
	<u>No white conductor option:</u>	Part numbers with NW - all conductors are the same color
Outer Sheath	Specially formulated thermoplastic elastomer (TPE) jacket	
Nominal Voltage	UL / CSA TC:	600V
	UL WTTC:	1000V
Test Voltage	2000V	
Min Bend radius	For installation:	4 x OD
Temperature Range	UL/CSA TC:	-25°C to +90°C
	For stationary use:	-40°C to +105°C
	For flexible use:	-25°C to +105°C

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Cable Attributes	OR-02, FR-03, FL-02, MP-03
Approvals	UL Type TC (Tray Cable) - ER* (Exposed Run) per UL 1277 UL WTTC (Wind Turbine Tray Cable) per UL 2277 c(UL) CIC/TC FT4 per CSA C22.2 No. 239 / CSA C22.2 No. 230 CSA AWM I/II A/B FT4 per CSA C22.2 No. 210 * For –ER: Minimum 3 conductors required
Additional	NEC Article 336, Article 501 NFPA 79 LVD 2014/35/EU (Low Voltage Directive) RoHS directive