

# ÖLFLEX® SERVO 7TCE

Flexible tray-rated servo cable; 600/1000V; UL TC-ER approval



LAPP KABEL STUTTGART ÖLFLEX® SERVO 7TCE



ÖLFLEX® SERVO 7TCE is a highly flexible and oil resistant servo cable suitable for mounting either in equipment or in cable tray, eliminating the need for two different types of cable in a single run. A longer cable connection is possible between the drive and the motor due to its low-capacitance design. This one cable solution is ideal for installing power to servo motor systems.

## Recommended applications

Motor connections between servo controller and motors on industrial machinery; in tray applications and moving machine parts; assembly handling and production lines with North American and European approvals

## Approvals



## Construction

**Conductors:** finely stranded bare copper

**Insulation:** XLPE

**Pairs:** one pair: shielded with foil & tinned copper braid (85% coverage) • two Pairs: individually shielded with foil, drain wire, tinned copper braid (85% coverage); twisted together

**Shielding:** overall tinned copper braid (85% coverage)

**Jacket:** specially formulated thermoplastic elastomer (TPE); orange

## Application Advantage

- Tray rated cable for servo applications
- Low capacitance design
- UL TC-ER & c(UL) CIC approvals
- Oil & UV resistant; flame retardant
- Resistant to a wide range of disinfecting solutions used in the food, beverage, chemical and related industries, according to ECOLAB® PM 40-1 test procedure

Cable attributes		page 648	
OIL	OR-03	FLAME	FR-03
MOTION	FL-02	MECH.	MP-03

Complete the installation	
	EPIC® POWER LS1 page 441

ÖLFLEX® CONNECT solution	
	ÖLFLEX® CONNECT SERVO page 607

## Technical data

<b>Minimum bend radius:</b>	6 x cable diameter	<b>Approvals:</b>	UL: TC-ER per UL 1277 Flexible Motor Supply 1000V
<b>Temperature range:</b>	- for stationary use: -40°C to +105°C - UL TC: -25°C to +90°C	Attributes:	UL Oil Res I/II -40°C cold bend; -25°C cold impact UV resistant direct burial NFA 79
<b>Nominal voltage:</b>	- UL TC-ER: 600V - UL Flexible Motor Supply: 1000V - VDE U <sub>0</sub> /U: 600/1000V	NEC:	Class 1 Division 2 per NEC Article 501
<b>Test voltage:</b>	2000V	Canada:	c(UL) CIC FT4 (18 - 14 AWG) cRU AWM II A/B FT4
<b>Conductor stranding:</b>	Class 5 fine wire	Additional:	CE & RoHS
<b>Color code:</b>	- power conductors: black conductors with white letters: U/L1/C/L+; V/L2; W/L3/D/L- plus green/yellow ground		
	- 1 pair: black & white		
	- 2 pair: black with white numbers: 5, 6, 7, 8		

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.