UNITRONIC[®]

AS-Interface

UNITRONIC[®] BUS ASi FD

For Actuator Sensor Interface (AS-i) bus systems; continuous flex applications; 140 Ω

LAPP KABEL STUTIGART UNITRONIC® BUS ASI FD

LAPP KABEL STUTTGART UNITRONIC® BUS ASI FD

UNITRONIC[®] BUS ASi FD is a geometrically-coded, 2-conductor flat cable designed for data and power transfer between simple I/O devices on the sensor/actuator level. This cable is suitable for continuous flex applications and has a halogen-free PUR or oil-resistant TPE jacket.

Recommended applications

Continuous flex applications e.g. cable tracks and moving machine parts; data and power transmission between sensors, actuators, slaves, repeaters and master

300V

Construction

<u>Conductors:</u> stranded tinned copper <u>Insulation:</u> polyurethane or TPE

Jacket: polyurethane or TPE

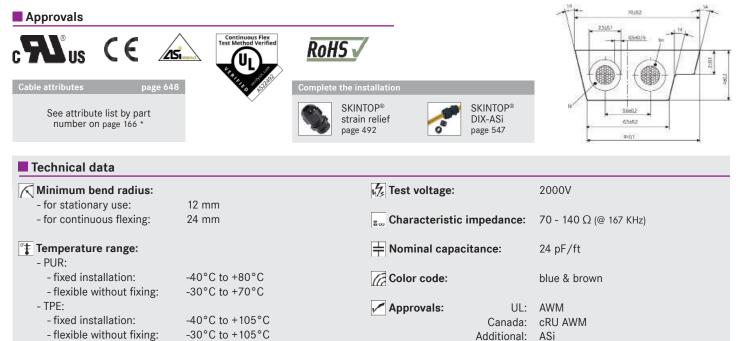
Application advantage

- Data and power transmission in one cable
- Ouick connections to ASi-module due to piercing technology
- PUR-jacketed version is halogen-free and highly oil-resistant
- UNITRONIC[®] BUS ASi FD LD (Long Distance) allows even longer cable runs between modules

CE & RoHS

Continuous Flex Test Method Verified

*UL Verified ID A522492:



Copper Approx lacket construction Conductor Part weight weight Approvals Application number description material color lbs/mft lbs/mft 2170357 PUR 2 x 16 AWG UL/CSA AWM 19 43 vellow data & power transmission UL/CSA AWM transmission of 30V DC auxiliary power 2170358 PUR 2 x 16 AWG black 19 43 2170317 PUR yellow 2 x 14 AWG UL/CSA AWM long distance data & power transmission 32 50 UL/CSA AWM 2170318 PUR black 2 x 14 AWG long distance transmission of 30V DC auxiliary power 32 50 UL/CSA AWM 2170830 TPE 2 x 16 AWG data & power transmission 19 43 vellow 2170831 TPE black 2 x 16 AWG UL/CSA AWM transmission of 30V DC auxiliary power 19 43

If not otherwise specified, all values relating to the product are nominal values.

9 Peak voltage:

