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PVC actuator-sensor cables
unshielded

LUTZE ELECTRONIC AS PVC

Flexible Electronic Actuator Sensor Cable for Stationary Applications

Logo



Type

TR AS PVC 4×AWG16

Part No.

A1021604

Product status

Series

Application

For the cabling of actuator sensor systems like IO-Link

Sensors, actuators, digital IO hubs, and field devices used in process instrumentation and controls

Compliant with NFPA 79 requirements

TC-ER-JP for use with cable trays without conduit, which can reduce installation costs in industrial environments

WTTC – wind turbine tray cable rating for use in wind power generation

PLTC-ER Power Limited Tray Cable – Exposed Run

ITC-ER Instrumentation Tray Cable – Exposed Run

Dry, damp or wet locations

Properties

Flexible for easy installation

IO-Link max cable length: 20 m

Crush impact resistant

Gas/vapor-tight sheath per UL 1277 and 13

Specially formulated jacket for oil resistance

- Ecolab certified resistance to common cleaning agents and chemicals used in food and beverage washdown procedures
- Non-wicking fillers
- Sunlight resistant
- Flame retardant
- Direct burial (AWG 18 and larger)
- Talc free and silicone free

Amount

1

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TECHNICAL DATA

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Technical Data

Construction

Description

Flexible Electronic actuator sensor cable for stationary applications

Number of conductors/cross-section	4
Cross-section AWG	AWG 16
Jacket material	PVC
Jacket color	yellow similar to Munsell 5y8.5/12
Outer Ø	8.9 mm
Outer Ø	0.35 inch
Weight	77 Lbs/Mft
Cu Index	32 Lbs/Mft

Element 1

Element construction	AWG16/4C
Conductor construction	AWG 16 (26/30)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	Fine wire Class K
Conductor marking	blue • black • brown • white
Conductor insulation	PVC/Nylon

Technical data

Rated voltage U_N	300 V 90C PLTC-ER
	300 V 90C ITC-ER
	600 V MTW
	1000 V 105C AWM
Temperature range fixed	-40 °C ... +105 °C
Minimum bending radius fixed	4×cable OD

Element 1

Element construction	AWG16/4C
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Approvals/Standards

Approvals	UL Type MTW or DP-1 Meets NEC 336, 392, 725, 727 Class I and II, Div. 2 and Class I Zone 2 per NEC 501, 502, 505 C(UL) TC and CIC FT4 UL 1277 UL 13
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UL style

AWM 20886

Conformity

CE
RoHS
REACH
TSCA

Oil resistant according to

Oil Res II

General

Note

CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

Downloads

GERMAN

ENGLISH

DATA SHEET
Item-No. A1021604

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LUTZE Inc.
13330 South Ridge Drive • Charlotte, North Carolina
28273 • USA
Phone: 704-504-0222 • Fax: 704-504-0223 • E-Mail:
[info\(at\)lutze.com](mailto:info(at)lutze.com)



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