

Technical data sheet - LÜTZE SILFLEX® Tray-ER Blue PVC with UL/TC-ER/CE Approvals, Blue Conductors for 24 V Applications



Flexible Control and Tray Cable · Unshielded

Identification	Type	SI N TRAY-ER Blue 4xAWG12 GR
	Part-No.	A3251204

Use/Application/Characteristics

Application	<ul style="list-style-type: none"> • Multi-conductor cable for tray applications, with exposed run (open wiring) approval • Machine tools, machine and plant construction, HVAC technology, assembly and production lines, and other industrial applications • Automotive applications with 24 Volt • MTW rating as required per NFPA 79 for machine tool wiring • TC-ER for use on machines and in cable trays without conduit • Dry, damp and wet conditions
Characteristics	<ul style="list-style-type: none"> • Flexible design with Nylon for crush impact resistance per UL 1277 and easy installation • Specially formulated jacket for oil resistance • Non-wicking fillers • Sunlight resistant • Direct burial • UL Type TC-Exposed Run • Talc free • Silicone free

Construction

Description	SILFLEX® TRAY-ER BLUE PVC
Number of conductors/cross-section	4xAWG12

25.01.2020 – Subject to technical modification

Part-No. A3251204

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SYSTEMATIC TECHNOLOGY

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Cross-section, metric	4 mm ²
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	11.1 mm
Outer Ø	0.437 inch
Weight	137 Lbs/Mft
Cu-Index	85 Lbs/Mft

Element 1

Element construction	AWG12/4C
Conductor construction	AWG 12 (65/30)
Conductor	AWG conductor CU-wire bare
Conductor category	fine wire
Conductor marking	blue with white number print white/blue with number print 2 green/yellow
Conductor insulation	PVC/Nylon THHN – THWN

overall construction

Jacket characteristics	Oil resistant Silicone-free
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Technical data

Rated voltage U _N	600 V TC-ER 600 V UL AWM
Temperature range fixed	-40 °C ... +90 °C
Minimum bending radius fixed	4xD

Element 1

Element construction	AWG12/4C
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Certifications/Standards

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Certifications	TC-ER cURus cULus UL Type MTW or DP-1 Meets NEC 336,392 Class I & II, Div. 2 Class 1 Div. 2 per NEC 501, 502, 505 UL 1277 cUL TC CIC FT4
Conformity	CE REACH RoHS
Oil resistant according to	Oil Res I

General

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

Symbols



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