

Technical data sheet

Flexible Control and Tray Cable TRAY PVC · Unshielded

LUTZE SILFLEX® N Control Cable PVC For Stationary Applications



Identification

Type SI N TRAY 2×AWG20 GR
Part No. [A3082002](#)

Product version

Datasheet version 00

Use/Application/Properties

Application	• Machine tools, machine and plant construction, VAC technology as well as other uses. • Compliant with NFPA 79 requirements • PLTC for installation in cable trays • ITC Instrumentation Tray Cable • Dry, damp or wet locations
Properties	• Crush impact resistant • Gas/vapor-tight sheath per UL 1277 • Non-wicking fillers • Ecolab certified resistance to common cleaning agents and chemicals used in food and beverage washdown procedures • Sunlight resistant • Flame retardant • Talc free and silicone free

Construction

Description	SILFLEX® CONTROL CABLE PVC
Number of conductors/cross-section	2×AWG20
Number of conductors	2
Cross-section, metric	0.5 mm ²
Cross-section AWG	AWG 20
Jacket material	PVC
Jacket color	grey similar to RAL 7001
Outer Ø	6.6 mm
Outer Ø	0.26 inch
Weight	4.6 kg/100 m
Weight	31 Lbs/Mft
Cu Index	0.9 kg/100 m

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Cu Index 6 Lbs/Mft

Construction Element 1

Element construction AWG20/02C
Conductor construction AWG 20 (10/30)
Conductor AWG conductor
CU-wire bare
Conductor category Fine wire
Class K
Conductor marking black • with white number print
Conductor insulation PVC/Nylon
THHN – THWN

Overall construction

Jacket characteristics Oil resistant
Silicone free

Technical data

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

Technical Data Element 1

Element construction AWG20/02C

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
PLTC
ITC
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