Technical data sheet

Flexible Control Cable for Stationary Applications · Unshielded

LUTZE SILFLEX® N PVC

Identification

Type	SI N PVC 5GAWG16
Part No.	108374A

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, Article 12.9
Properties	• Specially formulated gray PVC jacket for oil resistance • Most flexible design without Nylon for easy stripping and easy installation • Easy routing and bending due to flexibility • Easy strip design especially suited for cable assemblies • Resistance to many oils, coolants and solvents • Non-wicking fillers • Talc free and silicone free

Construction

Description	SILFLEX® N PVC
Number of conductors/cross-section	5×AWG16
Number of conductors	5
Cross-section, metric	1.5 mm²
Cross-section AWG	AWG 16
Jacket material	PVC
Jacket color	grey similar to RAL 7001
Outer Ø	8.7 mm
Outer Ø	0.341 inch
Weight	84 Lbs/Mft
Cu-Index	40 Lbs/Mft

United Kingdom: LÜTZE Ltd.
Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk

Germany: Friedrich Lütze GmbH
Postfach 12 24 (PLZ 71366) • Bruckwiesenstraße 17-19 • D-71384 Weinstadt
Tel. +49 (0)7151 6053-0 • Fax +49 (0)7151 6053-277(-288)
www.luetze.de • info@luetze.de

Technical data sheet

Flexible Control Cable for Stationary Applications · Unshielded

Construction Element 1

Element construction	AWG16/5C
Conductor construction	AWG 16 (26/30)
Conductor	AWG conductor CU-wire bare
Conductor category	fine wire Class K
Conductor marking	black • with white number print • green/yellow
Conductor insulation	PVC

Overall construction

Jacket characteristics	Flame-retardant Oil resistant mineral oil-resistant coolant-resistant solvent-resistant Silicone-free

Technical data

Rated voltage U_N	600 V UL AWM 90 °C
Temperature range fixed	-40 °C … +90 °C
Minimum bending radius fixed	4×D

Technical Data Element 1

Element construction	AWG16/5C

Certifications/Standards

Certifications	cURus AWM I/II A/B FT4
UL style	AWM 2587
Conformity	CE RoHS REACH TSCA
Burning behavior according to	UL VW-1
Oil resistant according to	Oil Res II

General

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