

# Technical data sheet -

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<b>Identification</b>	Type	SI M VFD XLPE (C)PVC (4xAWG8+1x2xAWG14)
	Part-No.	A1070804

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## Construction

Description	SILFLEX M VFD XLPE (C) PVC + TP
Number of conductors/cross-section	(4xAWG8+1x2xAWG14)
Jacket material	PVC
Jacket color	black RAL 9005
Outer Ø	24 mm
Outer Ø	0.945 inches
Weight	605 Lbs/Mft
Cu-Index	314 Lbs/Mft

### Element 1

Element construction	168/30
Conductor	AWG conductor CU-wire tin-plated
Conductor category	fine wire
Conductor marking	black with white number print green/yellow
Conductor insulation	XLPE XHHW-2

### Element 2

Element construction	41/30
Conductor	AWG conductor CU-wire tin-plated
Conductor marking	black with white number print
Stranding	Conductors stranded in pairs

### overall construction

Drain wire	CU-wire tin-plated
Overall shield	Foil shield Braid shield Tinned copper wires optical cover approx. 80%

28.11.2017 – Subject to technical modification

Part-No. A1070804

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Jacket characteristics Oil resistant  
Silicone-free

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Rated voltage 600 V TC-ER  
1000 V Flexible VFD servo cable 90C  
1000 V WTTC

Temperature range fixed -40 °C ... +90 °C

### Element 1

Element construction 168/30

### Element 2

Element construction 41/30

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### Approvals/Standards

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Approvals cULus  
TC-ER  
UL DP-1  
WTTC  
Class 1 Div. 2 per NEC  
Art. 336, 392, 501  
cUL TC  
UL 1277  
CIC FT4  
Wet/Dry

Conformity CE  
RoHS  
REACH

Oil resistant according to Oil Res II

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### General

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

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