

Technical data sheet -

Identification	Type	SI M VFD XLPE (C)PVC (4xAWG18+1x2xAWG18)
	Part-No.	A1071804

Construction

Description	SILFLEX M VFD XLPE (C) PVC + TP
Number of conductors/cross-section	(4xAWG18+1x2xAWG18)
Jacket material	PVC
Jacket color	black RAL 9005
Outer Ø	13.3 mm
Outer Ø	0.525 inches
Weight	156 Lbs/Mft
Cu-Index	66 Lbs/Mft

Element 1

Element construction	19/30
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	19/30
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. A1071804

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Jacket characteristics Oil resistant
Silicone-free

Technical data

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 19/30

Element 2

Element construction 19/30

Approvals/Standards

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

General

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

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