

Technical data sheet -

Identification	Type	SI M VFD XLPE (C)PVC (4xAWG10+1x2xAWG14)
	Part-No.	A1071004

Construction

Description	SILFLEX M VFD XLPE (C) PVC + TP
Number of conductors/cross-section	(4xAWG10+1x2xAWG14)
Jacket material	PVC
Jacket color	black RAL 9005
Outer Ø	18.8 mm
Outer Ø	0.74 inches
Weight	378 Lbs/Mft
Cu-Index	216 Lbs/Mft

Element 1

Element construction	105/30
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

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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 105/30

Element 2

Element construction 41/30

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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