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				Maße ohne Toleranzangabe sind Nominalmaße. All dimensions nominal unless otherwise specified.		Schematische Darstellung Schematic view only
				Maßstab/Scale ./.		Toleranzen/Tolerances ./.
				Benennung/Description		
				Low temperature vacuum cable static		
A	22.04.14	GD	-			
Revision	Datum/Date	Gezeichnet/Drawn	PLFECO no.			
 W.L.Gore & Associates GmbH Nordring 1 91785 Pleinfeld Tel. 0 91 44 / 60 10 Fax 0 91 44 / 63 61, 68 16				Zeichnungsnr./Drawing no. GSC-06-27305-00		Blatt/Page 1/2
				Ersatz für / Replacement for		Ersetzt durch / Replaced by

Construction

1. 4 shielded, twisted pairs

Leads

Conductor

material silver plated copper, OFHC
 size AWG 32 (7/40)
 diameter 0,235 ± 0,08 mm
 DC resistance (20°C) 550 Ω/ km max.

Insulation

material PTFE
 wallthickness 0,18 mm
 colour natural, one hook up wire of each pair with a small green stripe

Twist length

10 mm (100 twists/m) nom.

Served wire shield

material silver plated copper, OFHC
 size AWG 40(01) (40 ±3 single wires)

Binder


material ePTFE

2. Jacket

material PTFE
 colour natural

Characteristics

Operating voltage 100 V
 Test voltage (Sparktest) 1500 V AC
 Weight tbd g/m nom.
 Bend radius, static ≥ 5 mm
 Operating temperature range -250°C to +200°C
 Applicable to vacuum 10⁻⁶ Pa

Ersatz für / Replacement for		Ersetzt durch / Replaced by		Formular Beschreibung / Description	
				Benennung / Description Low temperature vacuum cable static	
A	22.04.14	GD	-		
Revision	Date	Author	PLFECO no.		
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