

Customized cables



SL 859 C

PVC servo cable with overall copper screen



Marking for SL 859 C:

SAB BRÖCKSKES · D-VIERSEN · SL 859 C 4 x 10,0 mm² + 4 x (2 x 1,0 mm²) AWM Style 2587 90°C 600V E172204

CSA AWM I/II A/B 90°C 600V FT1 FT2 LL104758 CE

Construction:

Conductor:	tinned copper strands
Insulation:	PVC
Colour code:	black cores with consecutive numbers and a green-yellow earth wire
Stranding:	1,0 mm ² twisted to pairs
Screen:	pairs wrapped with tinned copper braid
Inner sheath:	pairs with PVC, colour: grey (RAL 7000)
Stranding:	specially adjusted layering
Wrapping:	foil
Screen:	tinned copper braiding
Sheath material:	PVC
Sheath colour:	grey (RAL 7000)

Technical data:

Peak operating voltage:	300/500 V	
Voltage UL/CSA:	600 V	
Testing voltage:	core/core	2000 V
	core/screen	2000 V
Min. bending radius		
<i>fixed laying:</i>	5 x d	
<i>flexible application:</i>	10 x d	
Temperature range	DIN VDE	UL/CSA: up to +90°C
<i>fixed laying:</i>	-30/+70°C	
<i>flexible application:</i>	- 5/+70°C	
Absence of harmful substances:	acc. to RoHS directive of the European	

item no.	no. of cores x cross section n x mm ²	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20°C max.Ω/km
on request	4 x (2 x 1,0 mm ²) + 4 x 10,0 mm ²	23,9	671,9	945	20,0 1,95

Other dimensions and colours are possible on request.

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Application: For example as motor connection cable of pitch drives.

