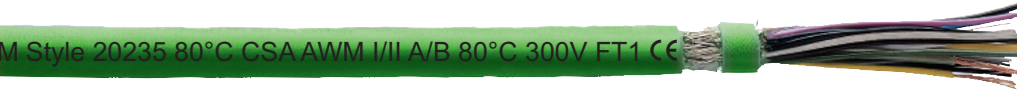


SERVO MOTOR CABLES



SL 843 C Composite TPE/PUR transmission cable with overall tinned copper screen



Marking for SL 843 C 08430006: SAB BRÖCKSKES · D-VIERSEN ·
08430006 SL 843 C 3 x 2 x 0.25 mm² + 2 x 0.5 mm² **DESINA** AWM Style 20235 80°C CSA AWM I/II A/B 80°C 300V FT1 CE

SL 843 C is a continuous flex, halogen-free UL recognized and CSA approved transmission cable with an overall tinned copper braid. This cable is designed for automated servo systems and also suitable for resolvers and shaft encoders. An overall tinned copper braid is recommended whenever interference distorts signal transmission, or when EMI emissions need to be suppressed.

Construction:

Conductor:	bare copper strands with reference to DIN VDE 0812
Insulation:	TPE
Color code:	colored
Stranding:	in layers or pairwise
Screen:	acc. to dimension: pairs with tinned copper wires braided (C) or spiral (D)
Inner jacket:	TPE over screened pairs
Stranding:	conductors/pairs twisted together in layers
Wrapping:	one or two layers non-woven tape
Screen:	tinned copper braiding
Wrapping:	non-woven tape
Jacket material:	TMPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface
Jacket color:	orange or green

Technical data:

Peak operating voltage:	DIN VDE: max. 350 V	
Voltage:	UL/CSA: 300 V	
Testing voltage:	2000 V	
Min. bending radius		
<i>fixed installation:</i>	5 x O.D.	
<i>free movement:</i>	10 x O.D.	
<i>for continuous flexing:</i>	12 x O.D.	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Temperature range	DIN VDE	UL/CSA: up to +80°C
<i>static:</i>	-50/+90°C	
<i>flexing:</i>	-40/+90°C	
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2, EN 60332-1-2, UL FT1 and CSA FT1	
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10	
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.	
Weather resistance:	very good	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30	

Outstanding features:

- UL recognition, CSA approval
- good EMC characteristics
- suitable for cable tracks
- oil resistant
- long service life
- adhesion-free installation
- halogen-free
- free from paint wetting disruptive substances (LABS - free)
- in accordance with Indramat INK and Siemens 6FX8008



Suitable for resolvers and shaft encoders.

item no.	dimensions/color codes	jacket color	nominal outer- inch	mm	cable weight ≈ lbs/mft	color codes
▶ 08430009	24/4pr + 20/2c	orange	0.346 ± 0.012	8.8 ± 0.3	62	(BN/GN+RD/BK+BU/VT+GY/PK) - (WH+BN)
▶ 08430010	24/4pr + 18/2c	orange	0.346 ± 0.012	8.8 ± 0.3	65	(BN/GN+RD/BK+BU/VT+GY/PK) - (WH+BN)
▶ 08430160	(24/3pr)D + 24/3c + 18/2c	orange	0.394 ± 0.012	10.0 ± 0.3	89	(GN/YE+GY/PK+BU/RD) - (GY-PK+RD-BU+WH-GN) - (WH+BN)
▶ 08430040	(24/3pr)D	orange	0.343 ± 0.012	8.7 ± 0.3	63	(WH/BN+GN/YE+GY/PK)
▶ 08430060	26/4pr + (26/4c)D + 18/4c	orange	0.386 ± 0.012	9.8 ± 0.3	91	(GY/PK+YE/VT+BN/GN+BK/RD) - (GN-BK+BU-BK+YE-BK+RD-BK) - (WH+BU+WH-GN+BN-GN)
▶ 08430012	26/4pr + 20/4c	green	0.358 ± 10%	9.1 ± 10%	68	(PK/GY+RD/BK+BN/GN+YE/VT) - (BU+WH+BN-GN+WH-GN)
▶ 08430112	26/10c + 20/2c	green	0.335 ± 10%	8.5 ± 10%	60	(WH+BN+GN+YE+GY+PK+BU+RD+BK+VT) - (WH+BN)
▶ 08430114	26/10c + 20/4c	green	0.354 ± 10%	9.0 ± 10%	71	(WH+BN+GN+YE+GY+PK+BU+RD+BK+VT) - (WH+BN+GN+YE)
▶ 08430006	24/3pr + 20/2c	green	0.343 ± 10%	8.7 ± 10%	60	(WH/BN+GN/YE+GY/PK) - (BU+RD)
▶ 08430013	22/4pr + 20/4c	green	0.406 ± 10%	10.3 ± 10%	91	(WH/BN+GN/YE+GY/PK+BU/RD) - (BK+VT+GY-PK+RD-BU)
▶ 08430020	(26/3pr)C + 18/2c	green	0.394 ± 10%	10.0 ± 10%	85	(GN/YE+GY/PK+BU/RD) - (WH+BN)
▶ 08430022	(26/3pr)C + (20/2c)C	green	0.398 ± 10%	10.1 ± 10%	90	(GN/YE+GY/PK+BU/RD) - (WH+BN)
▶ 08431050	(26/3pr)D + 26/4c + 24/4c + 20/2c	green	0.421 ± 10%	10.7 ± 10%	87	(RD/OR+BN/BK+GN/YE) - (BU+GY+WH-BK+WH-YE) - (BN-YE+GN-RD+BN-GY+GN-BK) - (BN-BU+BN-RD)
▶ 08430070	(26/3pr)D + 26/4c + 20/2c	green	0.398 ± 10%	10.1 ± 10%	82	(RD/OR+BN/BK+GN/YE) - (BU+GY+WH-BK+WH-YE) - (BN-BU+BN-RD)
▶ 08430310	24/12c	green	0.335 ± 10%	8.5 ± 10%	58	(WH+BN+GN+YE+GY+PK+BU+RD+BK+VT+GY-PK+RD-BU)
▶ 08430212	26/2pr	green	0.264 ± 10%	6.7 ± 10%	34	(WH/BN+GN/YE)
▶ 08430214	26/4pr	green	0.323 ± 10%	8.2 ± 10%	48	(WH/BN+GN/YE+GY/PK+BU/RD)
▶ 08430216	26/8pr	green	0.382 ± 10%	9.7 ± 10%	70	(WH/BN+GN/YE+GY/PK+BU/RD+BK/VT+GY-PK/RD-BU+WH-GN/BN-GN+WH-YE/YE-BN)

BOSCH REXROTH / INDRAMAT is a registered trademark, which is used for comparative purposes only
SIEMENS is a registered trademark, which is used for comparative purposes only
DESINA® is a registered trademark of German Machine Tool Builders' Association

Other dimensions and colors are possible on request.

pair in () denotes shielded. C = tinned copper braid. D = tinned copper spiral.

E-mail: info@sabcable.com



Web site: www.sabcable.com