

# Servo Motor Cables

## Selection table



		Cable type	SL 811	SL 813 C	SL 820	SL 823 C	SL 801 C	SL 806 C	SL 810	SL 812 C	SL 802 C	SL 803 C	SL 807 C	SL 808 C	SL 860 C	SL 863 C	SL 834 C	SL 871 C	SL 875 C	SL 841 C	SL 833 C	SL 842 C	SL 843 C	SL 839 C
Application	Feedback cable										●		●									●		
	Transmission cable											●		●									●	●
	Motor connection cable		●	●	●	●			●	●					●		●				●			
	combined motor connection cable						●	●								●		●	●	●				
	Motor connection cable for frequency converters			●	●	●			●	●							●				●			
	suitable for resolvers and shaft encoders										●	●	●	●								●	●	●
	screened		●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Temperature range fixed laying*	+90 °C		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	+70 °C		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-30 °C		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-40 °C		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-50 °C		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Voltage	Peak operating voltage max. 30 V																							●
	Peak operating voltage max. 350 V											●			●			●					●	
	Peak operating voltage max. 500 V							●	●		●		●						●			●		
	Nominal voltage Uo/U 0.6/1 kV		●	●	●	●	●	●	●	●					●	●	●	●	●	●	●			
	Voltage UL 30 V																							●
	Voltage UL 300 V																	●		●		●	●	
	Voltage UL 1000 V														●	●	●	●	●		●			
	Voltage CSA 300 V																	●	●	●		●	●	
	Voltage CSA 1000 V																●	●	●		●			
	Testing voltage 600 V																							●
	Testing voltage 1200 V						●	●			●	●	●	●										
	Testing voltage 1500 V						●	●												●				
	Testing voltage 2000 V										●	●	●	●		●		●				●	●	
	Testing voltage 3000 V																	●						
	Testing voltage 4000 V		●	●	●	●	●	●	●	●					●	●	●	●	●	●	●			
Standards	Fire performance: flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2														●	●	●	●	●	●	●	●	●	
	Fire performance: acc. to UL FT1														●	●	●	●	●	●	●	●	●	
	Fire performance: acc. to CSA FT1																						●	
	Fire performance: acc. to CSA FT1, FT2																●	●	●	●	●	●	●	
	UL recognized														●	●	●	●	●	●	●	●	●	●
	CSA approval																●	●	●	●	●	●	●	
Characteristics	DESINA® colours		●			●	●				●	●				●	●	●	●	●	●	●	●	●
	halogen-free				●	●	●				●	●					●	●	●	●	●	●	●	●
	PWIS uncritical**				●	●	●				●	●					●	●	●	●	●	●	●	●
	low capacity construction														●	●		●	●	●				
	outer sheath surface: low adhesion		●	●	●	●	●				●	●					●	●	●	●	●	●	●	●
	very good oil resistance acc. to EN 50363-10-2 + VDE 0207-363-10-2		●	●	●	●	●				●	●			●	●	●	●	●	●		●	●	●
	Oilrating 60 °C acc. to UL 1581																				●			
	Oilrating 60 °C acc. to UL 758																							●
	Oil resistance acc. to internal standard							●	●	●			●	●										
	good resistance against acids, alkalines, solvents, hydraulic liquids etc.		●	●	●	●	●				●	●					●	●	●	●	●	●	●	●



\*\*PWIS = paint-wetting impairment substances

\*The temperature range for flexible application is mentioned on the corresponding catalogue page

C  
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