

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 U ₀ /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							●	●	●				●	●										



**PWIS = paint-wetting impairment substances

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