

Adapter DA321G

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DA321G

Replacing: Sept./16/2010

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Adapter for the use of the DA321G5321 as a replacement for DA720V/DA820V

Field of Application

EFKA DA321G5321 controllers as a replacement for DA720V/DA820V on machines with **RP20** potentiometers for high lift for walking foot built before 1998.

The adapter enables the use of the DA321G controller on older Dürkopp Adler sewing machines in the 467/767 classes in which the RP20 was used as the high lift for walking foot potentiometer.

The connection is detected by a selection resistor in the adapter.

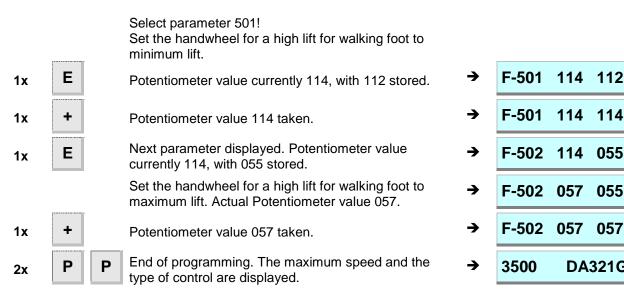
In order to activate appropriate preset values for the machine class, the corresponding mode must simply be selected with parameter 290.

As an option an adapter cord for connection of the switch for high lift for walking foot is available in the section Special Accessories (see overleaf).

Configuration instructions for high lift for walking foot for older Dürkopp Adler sewing machines (class 467/767)

Parameter	Designation	Unit	max	min	Preset	Ind.
501	High lift for walking foot - measurement value o potentiometer for minimum lift	f	255	0	Machine- dependent	
502	High lift for walking foot - measurement value o potentiometer for maximum lift	f	255	0	Machine- dependent	
503 MF	 Selecting the potentiometer used 0 = MP20 pot, standard on machines built in 199 1 = RP20 pot, standard on machines built before 		1	0	0	
117 n1	D High lift for walking foot speed limitation	RPM	6000	400	Machine- dependent	

Use parameter 503 = 1 to select the RP20 pot for machines up to 1998. Parameter 188 then has no effect. Parameter 501 is used to program the value for the minimum lift, and 502 for the maximum lift. Proceed as follows:



Scope of supply and mechanical dimensions overleaf





SPECIFICATION

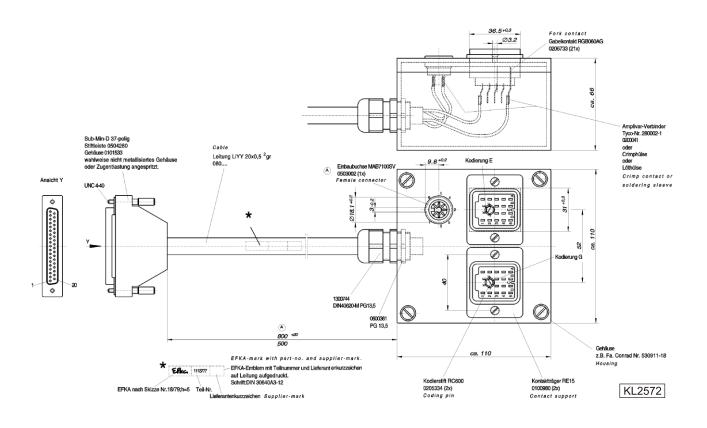
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Scope of Supply	Material No.
Adapter cord DA321G to DA class 467, 767 with panel jacks in housing and about 80 cm connection cable and plug	1113777

Special Accessories	Material No.
Adapter cord to connect a knee switch with a 3-pin Hirschmann connector to the Western	1113693
connector (RJ11) of the controller	

Mechanical dimensions







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