

Connectors and electrical contacts included in the fourniture.

POTENTIOMETER OUTPUT AXIS X,Y



In order to obtain the output signal from the joystick as indicated in the diagram over it is necessary:

- for the X axis output signal, connect the pin 3 and 5 of the AMP 16 way connector at +VDD, and connect the pin 6 of the AMP 16 way connector at 0V.

- for the Y axis output signal, connect the pin 9 and 11 of the AMP 16 way connector at +VDD, and connect the pin 12 of the AMP 16 way connector at 0V.



In order to obtain the output signal from the joystick as indicated in the diagram over it is necessary:

- for the X axis output signal, connect the pin 3 of the AMP 16 way connector at 0V, and connect the pin 5 of the AMP 16 way connector at +VDD.

- for the Y axis output signal, connect the pin 9 of the AMP 16 way connector at 0V, and connect the pin 11 of the AMP 16 way connector at +VDD.



In order to obtain the output signal from the joystick as indicated in the diagram over it is necessary:

- for the X axis output signal, connect the pin 3 of the AMP 16 way connector at -VDD, and connect the pin 5 of the AMP 16 way connector at +VDD.

- for the Y axis output signal, connect the pin 9 of the AMP 16 way conector at -VDD, and connect the pin 11 of the AMP 16 way connector at +VDD.

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CONNECTOR CONFIGURATION AND PIN ALLOCATION DETAIL



16 way primary potentiometer connections			
AMP		Pin allocation description	
		Single potentiometer per axis	
1	Y	Switch track forward	
2	Х	Switch track centre on	
3	Х	Pot track left	
4	Х	Pot track signal	
5	Х	Pot track right	
6	Х	Pot track centre tap	
7	Х	Switch track common	
8	Х	Switch track left	
9	Y	Pot track back	
10	Y	Pot track signal	
11	Y	Pot track forward	
12	Y	Pot track centre tap	
13	Y	Switch track common	
14	Y	Switch track back	
15	Х	Switch track right	
16	Y	Switch track centre on	

SPARE PARTS AMP 040 SERIES MULTILOCK Receptacle contacts P.No. 175062-1* Loose piece



Plug housing 12 position **P.No. 174045-2***

Plug housing 16 position double row P.No. 174046-2*

* AMP code

Spare parts kit, connectors and electrical contacts: V89900000

12 WAY HANDLE CONNECTIONS		
AMP	Pin allocation description	
1	Switch 4 - contact N/O	
2	Switch 3 - contact N/O	
3	Switch 2 - contact N/O	
4	Switch 1 - contact N/O	
5	Switch 5 - contact N/O	
8	Operator present trigger switch	
11	Switch track common	
12	Operator present trigger switch	

OVERALL DIMENSIONS



HANDLE ADAPTER PLATE



ANALOGUE JOYSTICK CONTROLLERS

