

BOARD	
Dupont 1x3 female, 2.54 mm	3-pin
GND	1
SIG	2
+3V3	3
Additional components	
2 x #4 (Terminal - Dupont crimp, 2.54 mm)	
basically board v1.3 J5, the header printed HALL_SW_0. Position 1 is the cavity at the moulded arrow. Position 3 carries no contact: it lines up with the 3.3 V pin, which is what stops the housing going on backwards. J6 beside it is a spare input, not this one.	

LIM		
2x	22 AWG	24.0 in
BOARD:1:GND	1:BK	SW:1:GND
BOARD:2:SIG	2:WH	SW:2:SIG
qty 1. Two conductors, black ground and white signal.		

SW		
Quick-connect receptacle, #187	4.75 x 0.5 mm tab, insulated	2-pin
1	GND	
2	SIG	
Omron V-155-1C25. The switch is SPDT and its third tab stays bare.		