



Description

The HS-36-PTB is a customized version of the regular Neuralynx HS-36 that substitutes a 36-pin Omnetics connector on the input in place of the 44-pin Omnetics.

36-Pin Omnetics Connector Input

	3	4	
Reference 1	•	•	Panel Ground
AD Channel 0			AD Channel 16
AD Channel 1	•		AD Channel 17
AD Channel 2	•		AD Channel 18
AD Channel 3	•		AD Channel 19
AD Channel 4	•		AD Channel 20
AD Channel 5			AD Channel 21
AD Channel 6	0		AD Channel 22
AD Channel 7			AD Channel 23
AD Channel 8	•		AD Channel 24
AD Channel 9			AD Channel 25
AD Channel 10	•		AD Channel 26
AD Channel 11	•		AD Channel 27
AD Channel 12	•		AD Channel 28
AD Channel 13	•		AD Channel 29
AD Channel 14	•		AD Channel 30
AD Channel 15	•		AD Channel 31
Panel Ground			Reference 4
	-	150	

44-Pin Connector Output

	THE REAL PROPERTY.	
Stim 2 Return	9.0	Stim 2 Source
-V HS	0.0	Panel Ground
Reference 2	9 6	
	9 9	Reference 4
AD Channel 15	0 0	AD Channel 31
AD Channel 14	0 6	AD Channel 30
AD Channel 13	9 8	AD Channel 29
AD Channel 12	0 0	AD Channel 28
AD Channel 11	9 8	AD Channel 27
AD Channel 10	0 0	AD Channel 26
AD Channel 9	0 6	AD Channel 25
AD Channel 8	9 6	AD Channel 24
AD Channel 7	00	AD Channel 23
AD Channel 6	9 6	AD Channel 22
AD Channel 5	0 6	AD Channel 21
AD Channel 4	00	AD Channel 20
AD Channel 3	00	AD Channel 19
AD Channel 2	00	AD Channel 18
AD Channel 1	00	AD Channel 17
AD Channel 0		AD Channel 16
Reference 1	00	Reference 3
+V HS	00	Panel Ground
Stim 1 Source	00	Stim 1 Return

Connector Orientation

AD channels 16-31 on the 36-pin connector are the topmost row when the headstage is on a flat surface and the printing on the Omnetics connector is visible.

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