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**Application Note**

**Date:** 21. Januar 2010

**Subject:** Order numbers and pinout of Sensor plugs of ADU-07

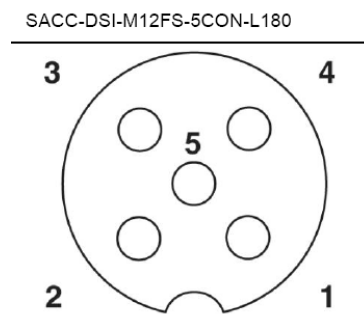
<b>Product</b>	<b>Metronix Order No.</b>	<b>Phoenix-Contact Order No.</b>	
<b>Multi Purpose Plug Coninverse complete set</b>			
Pin Insert 17-pole	2014-0001-00	Coninvers	RC-17P1N120000
Cable-Clamp	2014-0002-00	Coninvers	RC-Z2228
Outer Casing M23	2014-0003-00	Coninvers	RC-000000080FZ
<b>E-Field Plug Phoenix M12 5-pole complete set</b>			
Plug SACC-MS-5CON-PG7-M SCO	2007-0052-00	1542965	
Protection Cap	2007-0053-00	1430491	
<b>H-Field Plug Phoenix M12 8-pole complete set</b>			
Plug SACC-M12MS-8CON-PG 9-SH	2007-0049-00	1511857	
Protection Cap	2007-0053-00	1430491	

The wiring scheme of the connectors is shown below:

## E-Field Cable Plug for ADU-07

Socket 5pole M12	Signal
Pin	
1	+12V
2	-12V
3	Sensor GND
4	Sensor GND
5	Input (+ or -)

### Pin-out of E-Field sockets for buffer cables ADU-07



### Pinning of E-Field splug (rear view to wire clamps)



For standard E-field cables it is only required to connect pin Nr. 5

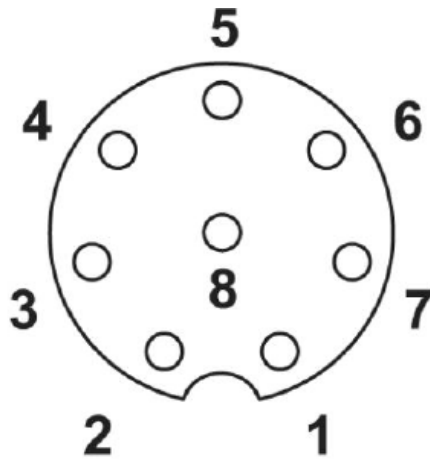
## H-Field Cable Plug of ADU-07

Socket 8-pole M12 Pin	Signal
1	+12V
2	-12V
3	H-Chop
4	Sensor GND
5	Cal Signal+
6	Cal Signal -
7	Input +
8	Input -

### Pin-out of plugs for the H-Field Sensors



**Note:** Pin 7 is the positive input and Pin 8 the negative input of the differential amplifier input stage. If you do not have a symmetrical output on the sensor you should connect Pin 7 to Signal Out and Pin 8 to Signal GND of your sensor.



Pinning of H-Field plug of ADU-07 (rear view to cable clamps)

### Multi Purpose Cable Plug for ADU-07

Socket Coninvers RC-17S1NA20000 Pin	Signal
1	+12V
2	-12V
3	Sensor GND
4	Sensor GND
5	Input A +
6	Input A -
7	Input B +
8	Input B -
9	Input C +
10	Input C -
11	Input D +
12	Input D -
13	Input E+
14	Input E -
15	Cal Signal +
16	Cal Signal -
17	H Chopper Control Signal

#### Pin-Out of multi purpose input socket ADU-07.

The numbers are written on the plug insert.