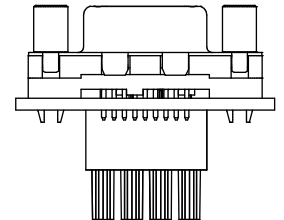
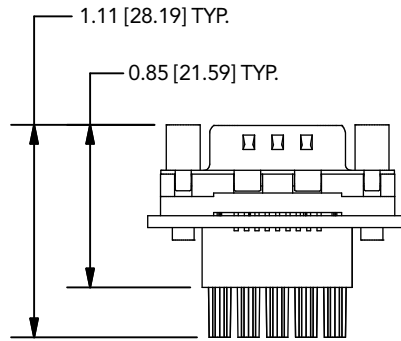
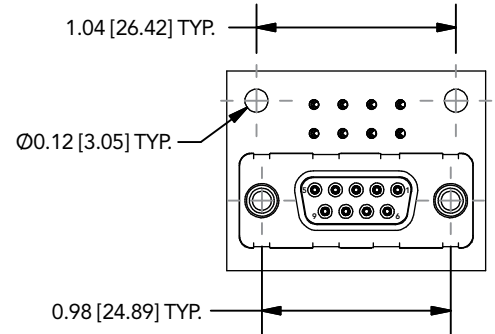
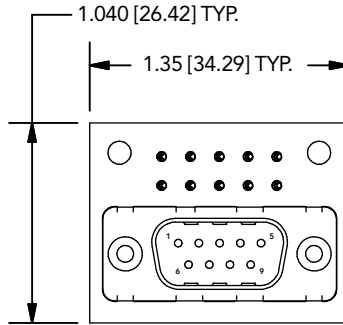




DIMENSIONS inches [mm]



Male DB9 Straight Connector

Female DB9 Straight Connector

IMPORTANT NOTES

IAA Series minimum power supply is 12.5 VDC. All grounds are connected together and pass through. Power and instrument cable shield connections should be grounded on one end, either at the power and instrument side, or the IAA side, to avoid potential ground loops.

Sensor cable shield connections should be grounded on one end, either the sensor side or the IAA sensor input side, to avoid potential ground loops.

RoHS Compliant

MALE DB9 POWER SIDE	
PIN #	DESCRIPTION
1	N/C
2-7	GROUND/SHIELD
8	OUTPUT SIGNAL
9	POWER SUPPLY

FEMALE DB9 SENSOR SIDE	
PIN #	DESCRIPTION
1	+ EXCITATION
2	+ SIGNAL
3	- SIGNAL
4	- EXCITATION/SHIELD ¹

¹ For 6 wire sensors, connect +SENSE to +EXCITATION and -SENSE to -EXCITATION.

Drawing Number: FI1391-A

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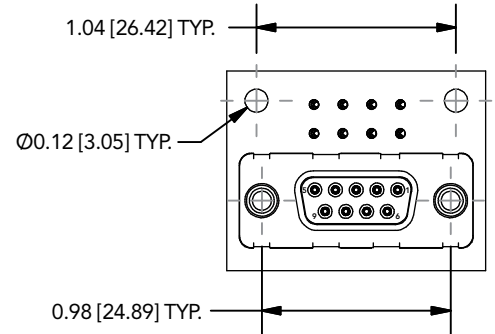
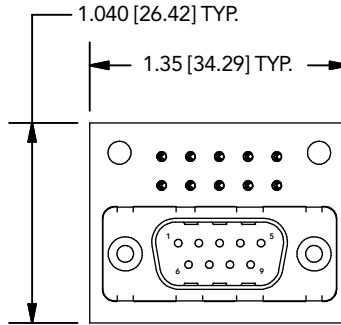
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U.S. Manufacturer



DIMENSIONS inches [mm]

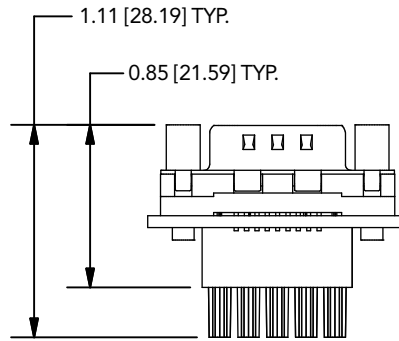


IMPORTANT NOTES

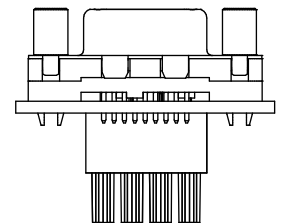
IAA Series minimum power supply is 12.5 VDC. All grounds are connected together and pass through. Power and instrument cable shield connections should be grounded on one end, either at the power and instrument side, or the IAA side, to avoid potential ground loops.

Sensor cable shield connections should be grounded on one end, either the sensor side or the IAA sensor input side, to avoid potential ground loops.

RoHS Compliant



Male DB9 Straight Connector



Female DB9 Straight Connector

MALE DB9 POWER SIDE	
PIN #	DESCRIPTION
1	OUTPUT SIGNAL
2-8	GROUND/SHIELD
9	POWER SUPPLY

FEMALE DB9 SENSOR SIDE	
PIN #	DESCRIPTION
1	+ EXCITATION
2	+ SIGNAL
3	- SIGNAL
4	- EXCITATION/SHIELD ¹

¹ For 6 wire sensors, connect +SENSE to +EXCITATION and -SENSE to -EXCITATION.

Drawing Number: FI1415-A

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U.S. Manufacturer