

# QUICK START GUIDE

## INSTALLING THE 854050/854051 METROLOGY STATION INTO ENVIRONMENTAL ENCLOSURE MODEL 854030

This guide will help you quickly attach 10 m connection cable included with the Lufft WS300 (TSI P/N 854050)/ Lufft WS500 (TSI P/N 854051) to the Environmental Enclosure Model 854030.





### Caution

Refer to the Manufacturer's Manual and follow all information regarding; specifications, setup, installation, proper use, maintenance, safety, and troubleshooting.

### Unpacking the (854050/854051) Metrology Station for the Environmental Enclosure (854030)

1. Unpack and verify that all the items listed in the following table are present.
2. Contact [TSI](http://www.tsi.com) immediately if items are missing or broken.

Qty.	Item Description	Reference Picture
1	Lufft WS300/WS500 Metrology Station	
1	Lufft Cable	

Qty.	Item Description	Reference Picture
1	Cable Gland	
1	Jam Nut	
1	Communication Connector (3-pin) <a href="http://www.phoenixcontact.com">www.phoenixcontact.com</a> connector - MSTB 2,5/ 3-ST-5,08 P/N 1757022	
1	DIN Rail Power Connector <a href="http://www.phoenixcontact.com">www.phoenixcontact.com</a> Plug - SPDB 2,5/ 2 P/N 3040410	

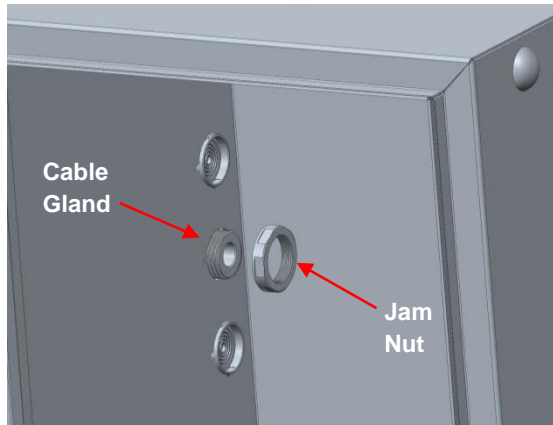
### Tools Needed for Installation

- Flat Blade Screw Driver  
(not included)



# Installation

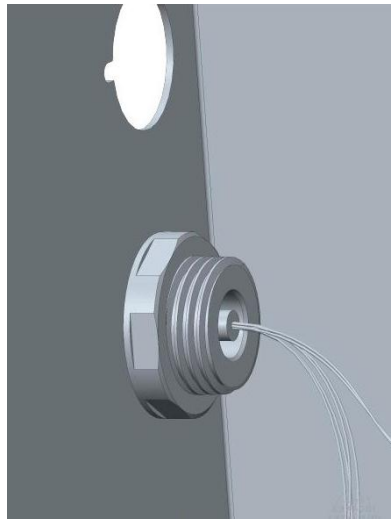
1. Remove the hole plug in the enclosure and install the cable gland and jam nut.



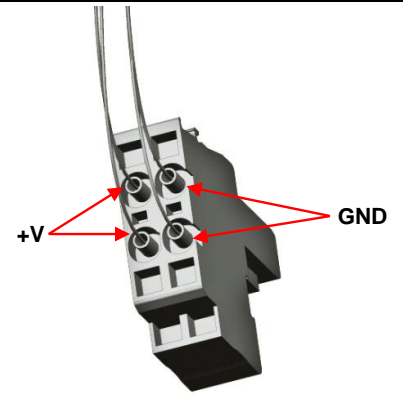
2. The 10 m connection cable for the metrology station has been stripped back and ends added for connections inside the enclosure.



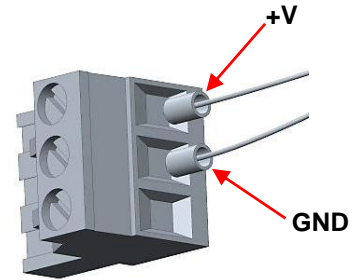
3. Locate and install the 10 m Connection Cable into cable gland and tighten the gland around the cable.



4. Attach Supply (+V, GND) and Heater (+V, GND) wires to DIN Rail Power Connector. Refer to the Lufft Manual for the wire color to connect to +V and GND.



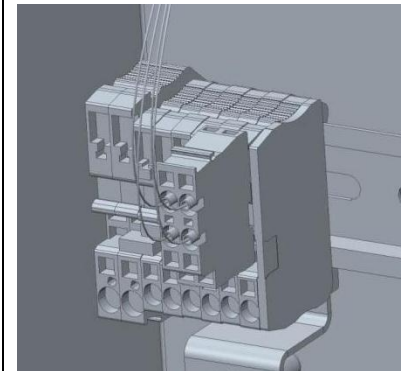
5. Attach RS485/SDI-12 Communication Wires to Connector. Refer to Lufft Manual for the wire color to connect to +V and GND.



6. Connect communication connector to Thiamis 1000 Node RS485 socket.



7. Connect power connector to DIN Rail.



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