

# Sensor Cable Assembly Specifications

# Rain Gauge Sensor:

**Device:** Davis AeroCone 6464M

**Connector:** M12, 5 pos

**Connector PN:** T4111001051-000

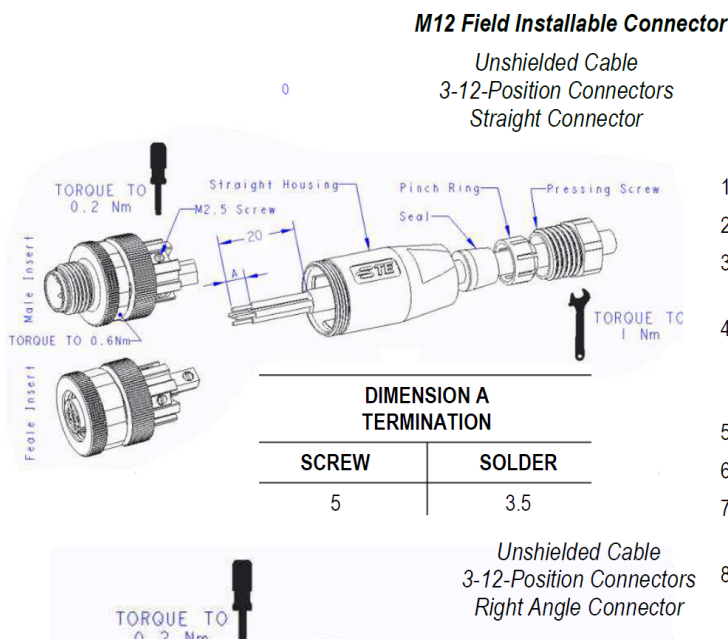
**Cable Length:** 10m

**Pinout:**

Pin	Wire (Legacy)	Wire (Updated)
1	DNP	DNP
2	Red	Red
3	Green	Black
4	DNP	DNP
5	DNP	DNP

Note: Unpopulated wires are not needed, these should be trimmed back to point of jacket being stripped

# Appendix A: Installation of M12 Connector



1. Connector components install on cable
2. Cable jacket should be stripped as shown
3. For 3-8-position, install wire to correct insert position (wire plug should be preferred to crimp on the wire)
4. Turn the M2.5 screw with suitable tool, torque to 0.2Nm [1.77 in.-lb.]  
For 12-position, sold the wire
5. Install straight housing
6. Install seal, pinch ring, pressing screw
7. Pressing screw should be tightened with torque recommended as 1 Nm [8.85 in.-lb.]
8. Cable outlet: PG7 (cable feed: 4-6mm)  
PG9 (cable feed: 6-8mm)

Taken from:  
[https://www.te.com/commerce/DocumentDelivery/DDEController?Action=showdoc&DocId=Specification+Or+Standard%7F114-137144%7FA7%7Fpdf%7FEnglish%7FENG\\_SS\\_114-137144\\_A7.pdf%7FT4111001051-000](https://www.te.com/commerce/DocumentDelivery/DDEController?Action=showdoc&DocId=Specification+Or+Standard%7F114-137144%7FA7%7Fpdf%7FEnglish%7FENG_SS_114-137144_A7.pdf%7FT4111001051-000)