Pinout for 3d unit
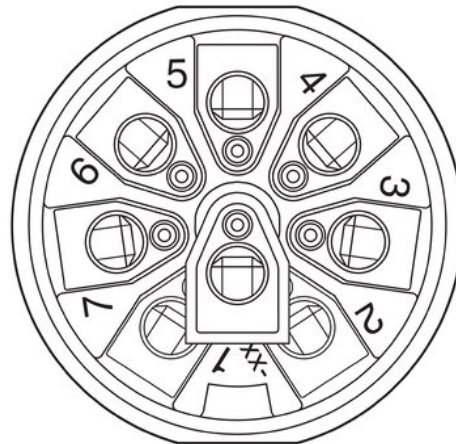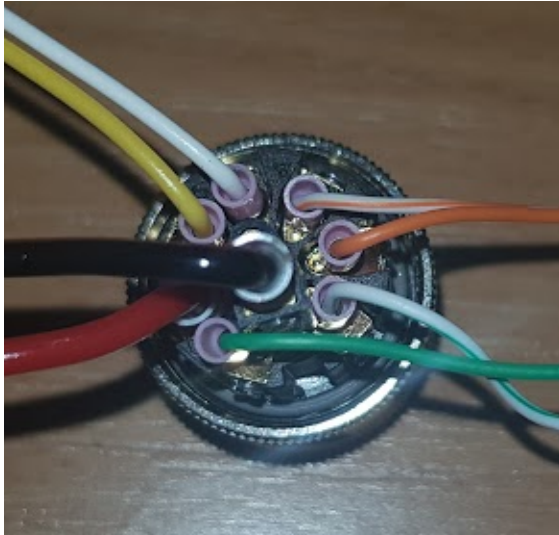
Connector : PHOENIX CONTACT P/N: SACC-M12FS-8CON-PG 9-SH
Assembly manual & image source:

https://www.phoenixcontact.com/online/portal/us?uri=pxc-oc-itemdetail:pid=1511860

Pin number	Function	Color in Photo
1	Ethernet RX-	Green
2	Ethernet RX+	Green/White
3	Ethernet TX-	Orange
4	EthernetTX+	Orange/White
5	GPS-NMEA	White
6	GPS-PPS	Yellow
7	Power supply (+12V)	Red
8	Ground	Black

Mating RJ45 connection(T568B/10BaseT):

Pin number	Function	Color in Photo
1	EthernetTX+	Orange/White
2	EthernetTX-	Orange
3	Ethernet RX+	Green/White
5	Ethernet RX-	Green