

4. Pictures and renders

4.1 Product



Figure 1: HF Compact Profinet device.

The picture above shows the ensemble of components – the gray box, the red label equipping a flat FPC that reaches the main PCB (14B24), the supply PCB (15C24) with its M12-L connector and the FPC to the main board (left), as well as the Ethernet PCB and 2x M12-D connectors (center-right – 17B24).

HF compact TCP version includes a different connector – M12A (16A24) single ethernet connector and a different red label (single ETH/STS LED). Thus, the Ethernet PCB to the right (17B24) is split in two parts and only one half is mounted on TCP version. **Add TCP picture.**

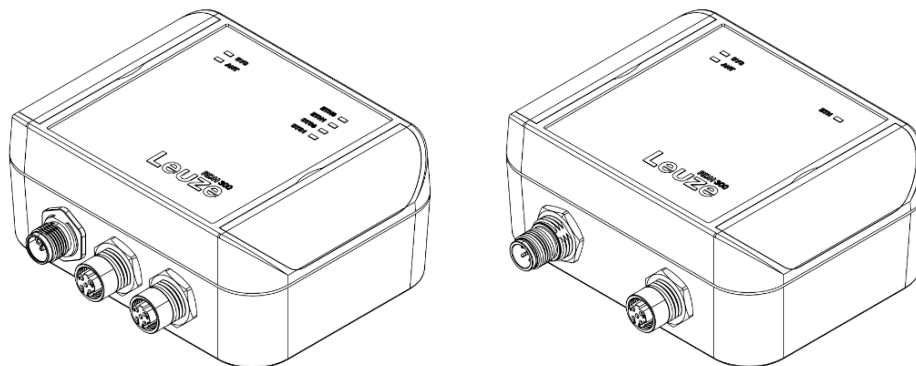


Figure 2: differences between Profinet (left) and TCP (right) versions.

4.2 Internal photographs

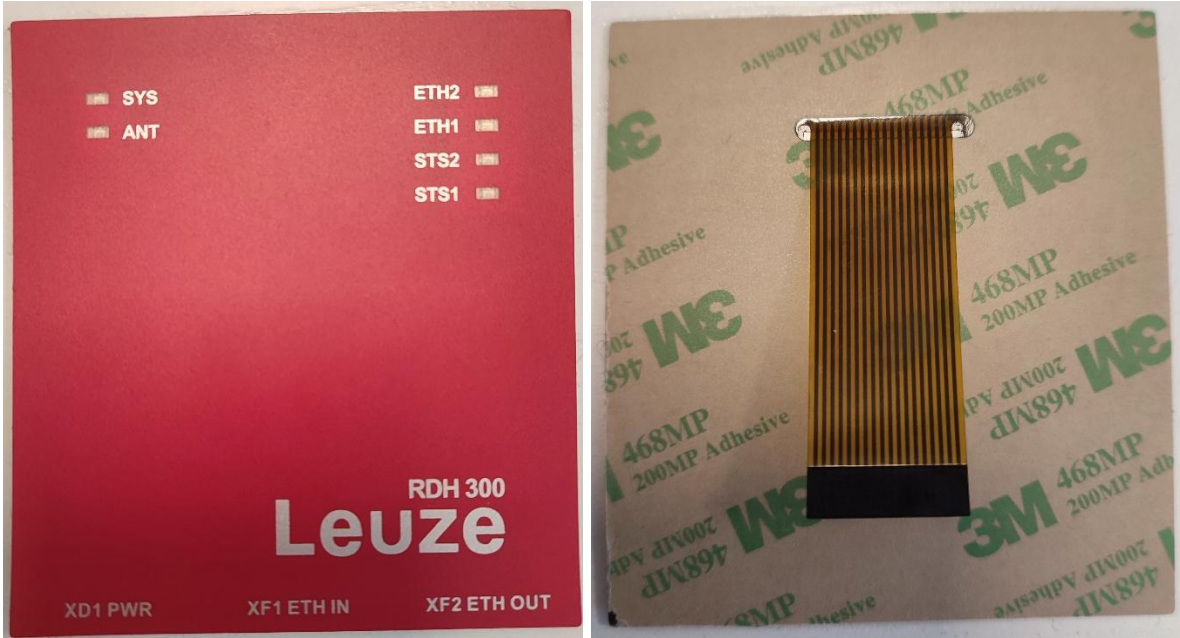


Figure 3: HF Compact Profinet label (12A24 - METI0038).



Figure 4: HF Profinet (left) vs TCP (right) label (13A24 - METI0037). [Update label](#)

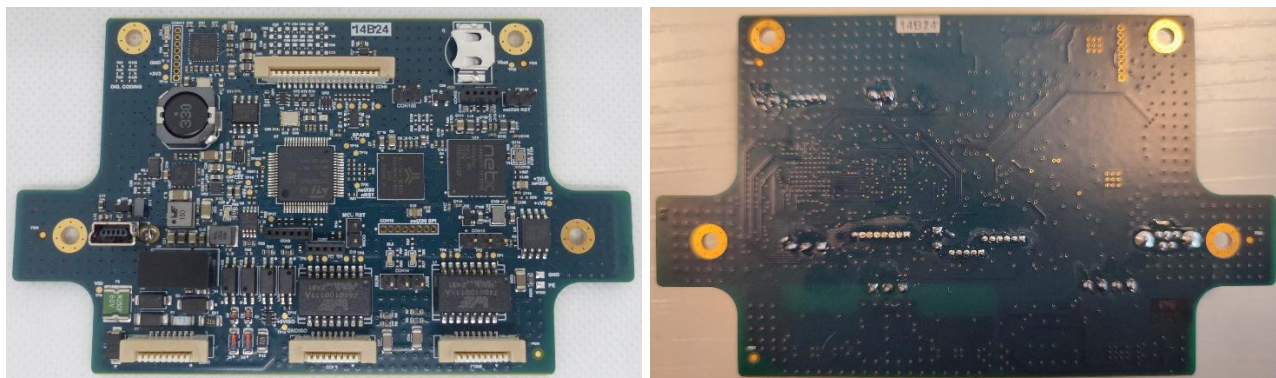


Figure 5: main carrier board 14B24 (both for Profinet and TCP/IP versions).

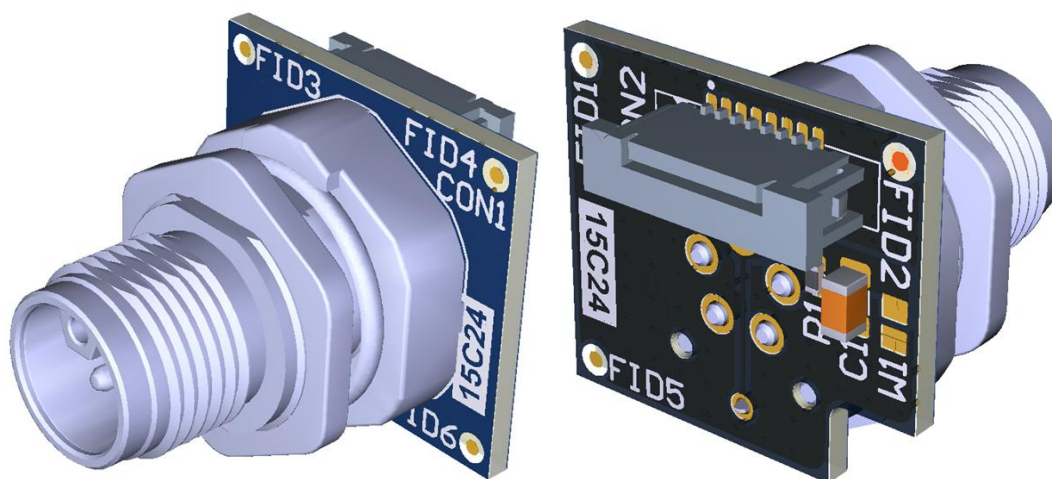


Figure 6: HF Compact Power connection board 15C24 (Profinet version – M12-L).

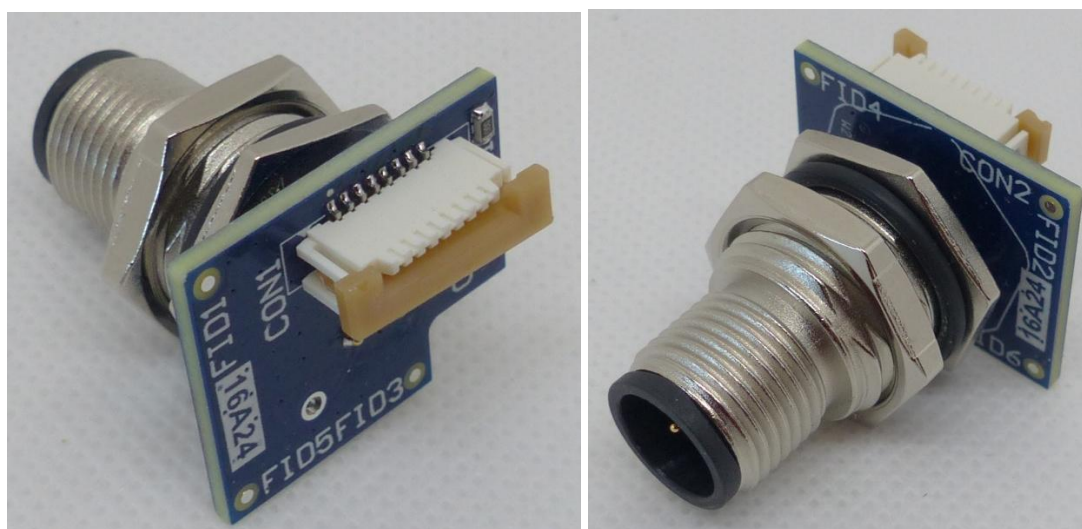


Figure 7: HF Compact Power connection board 16A24 (TCP version – M12-A).

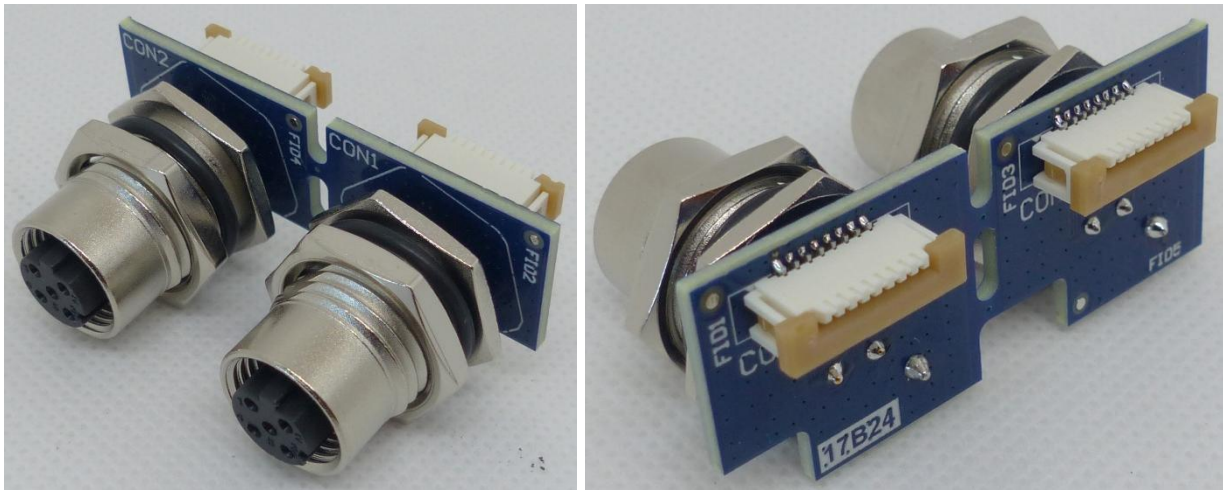


Figure 8: HF Compact ETH connection board 17B24 (M12-D).

With regards to Figure 8, 17B24 PCB will be mounted as is on Profinet version; it will be split in two parts and only one of them will be mounted on on TCP version.

The interconnection between connectors and main board is performed by means of a 8-way flexible cable.

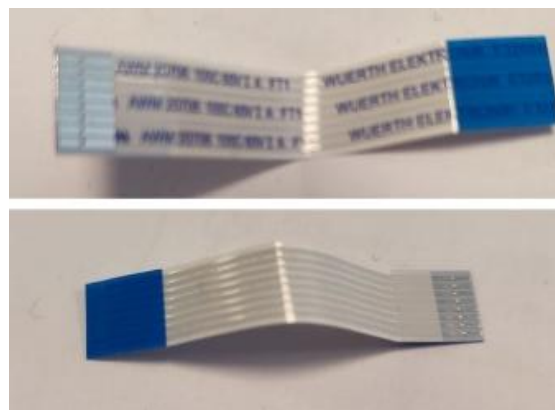


Figure 9: flex cable between connectors and main board.



Figure 10: marking plate (example for Profinet version). TBD