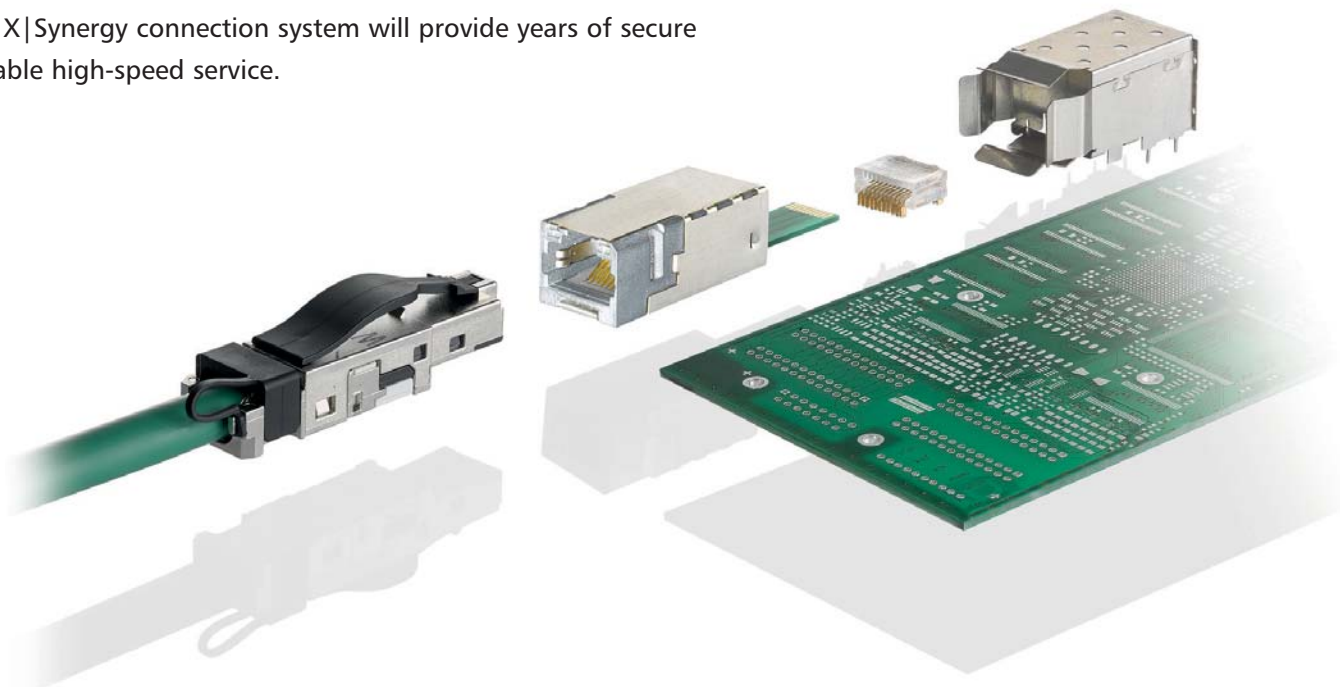
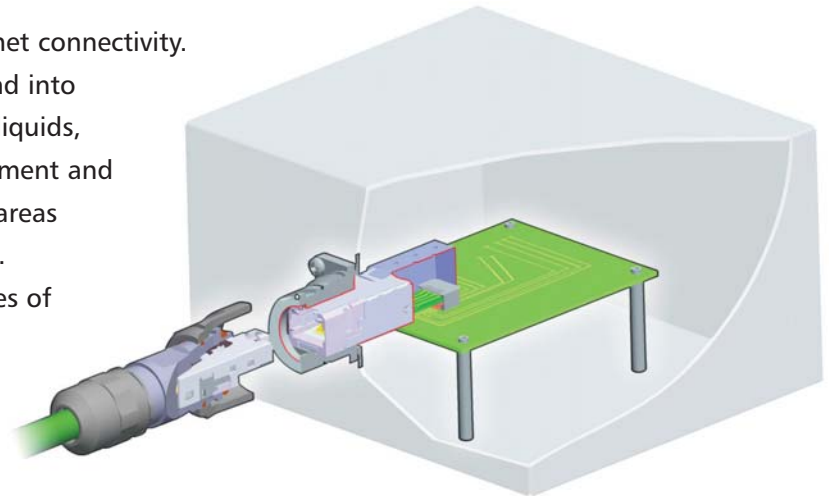


X|Synergy: IP-67 Industrial Ethernet connection system

X|Synergy is an evolution in the area of Ethernet connectivity. Unlike traditional office settings, Ethernet has spread into environments where protection from noise, solids, liquids, and even gases is of concern. Manufacturing equipment and automated test environments are just some of the areas where higher protection classifications are required. X|Synergy provides protection from all these sources of interference in the form of a robust industrial strength connection system. Whether outdoors in the elements, or exposed to chemicals and vibration found in many factory settings, X|Synergy facilitates a unique IP-67 level connection system between the network cable to the printed circuit board.

Rather than being soldered to the PC board, the X|Synergy connection system utilizes edge-connector technology. The edge-connector allows the jack to become part of the installation process, while providing self-alignment and flexibility. There are jack modules to support both gigabit Ethernet and 10Gbit Ethernet applications. The jack modules simply plug into the edge-connector which resides on the PCB, and is shrouded by a metal shield for enhanced EMI protection. This unique approach ensures signal integrity is maintained, as proper alignment is inherently guaranteed. With a variety of bulkheads available in both plastic and metal forms, the X|Synergy connection system will provide years of secure reliable high-speed service.



Plug inserts



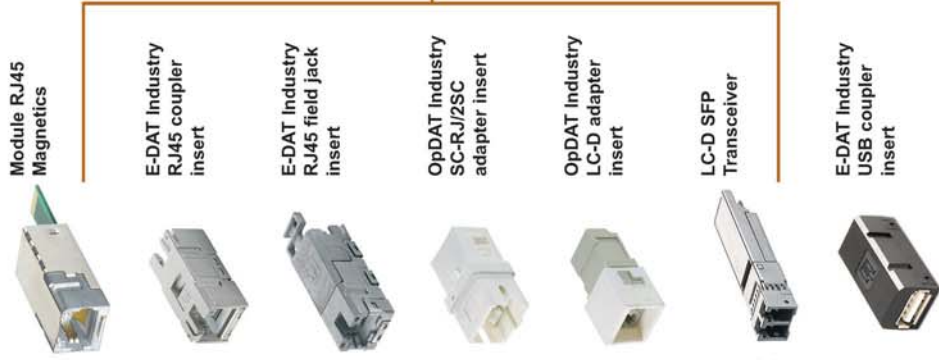
Plug housings



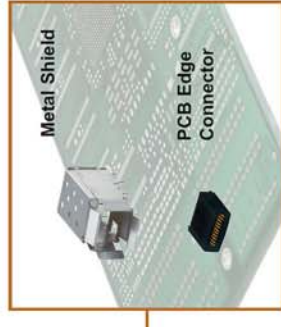
Flanged housings



Flanged inserts



Direct pcb connection



E-DAT Industry
OpDAT Industry
with STEADYTEC® technology



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