

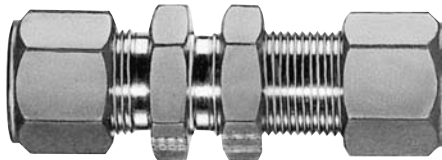
## Tubing &amp; Pipe Connection Fitting

Model SC, NC,  
EBC, EFC & EPC

**Model SC**  
STRAIGHT CONNECTOR



**Model NC**  
NINETY CONNECTOR



**Model EBC**  
ENCLOSURE BULKHEAD CONNECTOR



**Model EFC**  
ENCLOSURE FLUSH CONNECTOR



**Model EPC**  
ENCLOSURE PIPE CONNECTOR

## SC &amp; NC Fittings

Model SC Straight Connector and NC Ninety Connector fittings provide a standard tubing connection for the female regulator port of most Rapid Exchange® Purging Systems. When these systems are outfitted with Model SC or NC fittings, they can be connected to the protective gas supply with standard 1/4", 3/8" or 1/2" diameter, 0.035" wall stainless steel tubing. Model 1005 & 2005 systems are not accommodated because they require a direct 1/2" pipe connection to the protective gas supply for proper operation.

## EFC Fittings

Model EFC enclosure flush connector fittings provide a standard tubing connection on the protected enclosure(s). Because these fittings feature a neoprene O ring and short body, they form an exceptional seal, requiring the smallest possible amount of interior clearance. They are intended for the tubing supply connection on the first enclosure of any installation, and are compatible with all systems, except Models 1005 & 2005. In addition, Model EFC-4 fittings provide the enclosure pressure reference connection on any enclosure for any Pepperl+Fuchs enclosure protection system, because all Pepperl+Fuchs systems feature a 1/4" tube fitting on the enclosure pressure reference port.

## EBC Fittings

Model EBC enclosure bulkhead connector fittings provide a standard bulkhead tubing connection on a protected enclosure. The fitting features tubing nuts on both ends, to permit tubing to continue through the surface of an enclosure. They are suitable for the enclosure supply connection on any system, with exception to Models 1005 & 2005. These fittings are often used to increase the outward aesthetic appearance of an installation, because they can be mounted directly behind a system and be connected by a short piece of tubing. Then, another piece of tubing can be routed inside the enclosure to the desired point of supply discharge. This method of installation conceals the supply tube, and leaves the outside surface of the enclosure free of obstructions.

## EPC Fittings

Model EPC (Enclosure Pipe Connector) fittings provide a standard female pipe connection on a protected enclosure to terminate pipe connections between multiple enclosures. The pipe connections may be used solely to transfer protective gas, but may also be used as "pressurized raceways" if adequate precautions are taken to insure an unrestricted flow of protective gas. Model EPC-10 is suitable for the supply connection between an enclosure and a Model 1005 or 2005 system. While these fittings are normally associated with the use of electrical conduits, their strong construction makes them ideally suited for low pressure applications; but they are by no means intended for high pressure pneumatic service.