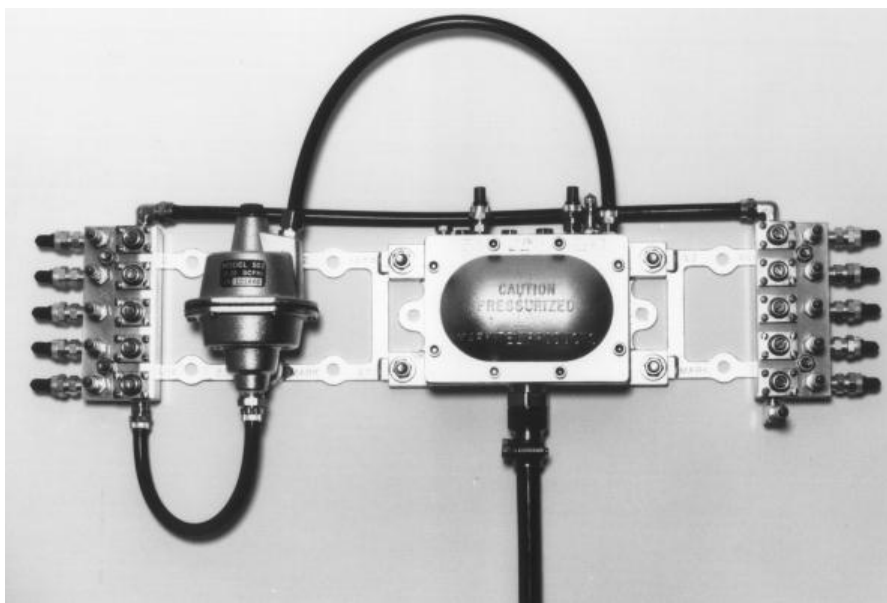# Model 5XX
Flow Manifold Assemblies

The Radiodetection Flow Manifold Assemblies (FMA's) provide a compact, single mounting structure for manifolds, junction boxes, flow transducers and pressure transducers. FMA's are designed for fast, easy installation with a minimum of field work, and are a convenient means of mounting transducers and manifolds to a manhole wall or rack.

Radiodetection FMA's are based upon a building block concept. The foundation of the assembly is the Model 230 Junction Box. By adding manifolds, pressure transducers or flow transducers to the Model 230, a variety of field applications can be met. Once the FMA is installed, the Model 230 Junction Box provides easy access to transducer read and/or power pairs without having to open the splice case. For more information on the Model 230 Junction Boxes, please see the Model 230 Data Sheet.

Model 5XX
Flow Manifold Assemblies

Ordering Information

Model 5XX-FMA assemblies are ordered by specifying the following:

Model 5XX-Y-ZP

    5XX = The type of Flow Transducer (see below)
    Y = The number of Flow Transducers mounted on the assembly
    Z = The number of 5-Bank Manifolds mounted on the assembly
    P = 730 UG Pressure Transducer 0 to 9.5 PSI (specify elevation if above 1,000 ft.)

For example, **a Model 552-2-2P** would indicate:

    552 = Model 552 Flow Transducer
    2 = Two Model 552 Flow Transducers
    -2 = Two 5-Bank Manifolds
    P = One Pressure Transducer

All Flow Manifold Assemblies are equipped with one Model 230A junction Box. To substitute the Model 230A for a Model 230AP, which is equipped with a 2 SCFH controlled leak stub cable, preface the model number with a 'P". For a Model 230AB that is equipped with a plugged stub cable, preface the model number with a "B".
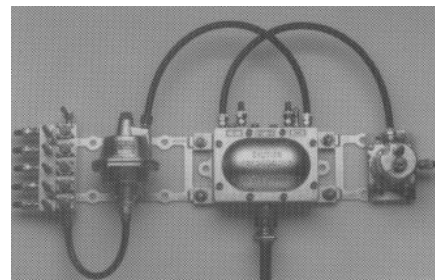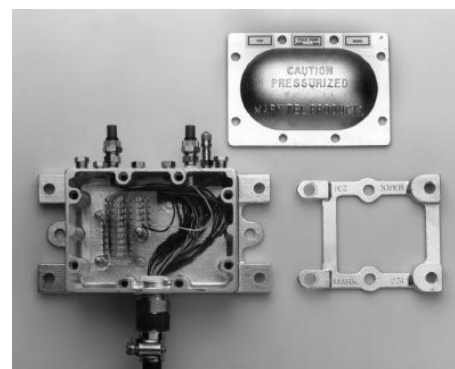

Model 5XX-1-IP FMA Showing one optional pressure transducer
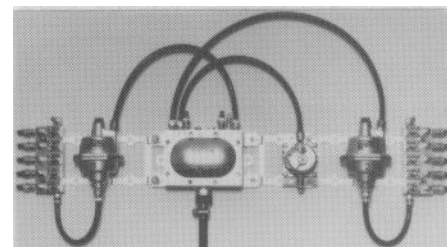
Model 5XX-2-2P FMA Showing two optional flow transducers, two manifolds and one pressure transducer

Radiodetection Series Flow Transducers

Non-Powered	SCFH	SCFD
Model 551	0-10	0-240
Model 552	0-20	0-480
Model 553	0-50	0-1200
Model 555	0-100	0-2400
Model 556	0-200	0-4800

Model 230A Underground Junction Box with the Model 231 Extension Arm

Specialists in Cable Pressurization

SPX

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Radiodetection is a leading global developer and supplier of test equipment used by utility companies to help install, protect and maintain their infrastructure networks. Radiodetection is a unit of SPX (NYSE: SPW), a global Fortune 500 multi-industry manufacturing company. With headquarters in Charlotte, N.C., SPX has 18,000 employees in more than 35 countries worldwide. Visit www.spx.com.