

Models 230

Junction Box

The Dielectric Model 230 Junction Box is a quick, reliable terminating point for the 500 or 550 Series Flow Transducers, or any other associated pressure or flow monitoring equipment. The Model 230 also provides easy access to transducer read and/or power pairs without having to open the splice case. A 15ft., 25 pair, 22 gauge, single sheath stub cable is terminated on a 25 pair wire wrap connecting block inside the Model 230 assembly. There are three types of stub cables available: non-plugged, controlled leak, and fully plugged. The controlled leak version allows a 2 SCFH flow from the stub cable into the junction box, and will not drain the cable when opened.

The Model 230 contains eight plugged transducer/sensor entrance ports that have 1/8" female pipe threads to mate with either the 500 or 550 Series Flow Transducer stub cable fittings, or associated pressure monitoring equipment that utilize 1/8" male tubing fittings.

Adding flow transducers, manifolds and pressure transducers to the Model 230 is made simple with the installation of the Extension Arms (P/N 81494). The extension arms are mounted to the Model 230 by slipping the male ends into the cast recessed sockets of the junction box. Extension Arms can be mounted to either or both sides of the Model 230, and additional arms can be joined together when more equipment is needed.

ORDERING INFORMATION

Model 230 Junction Boxes can be ordered by specifying the following model numbers:

PART NO.	DESCRIPTION
FA230-A	Underground Junction Box equipped with a non-plugged stub cable, 25 pair wire wrap terminal, external talk pair assembly, and an "F" pressure testing valve.
FA230-AB	Underground Junction Box equipped with a plugged stub cable, 25 pair wire wrap terminal, external talk pair assembly, and an "F" pressure testing valve.
FA230-AP	Underground Junction Box equipped with a 2 SCFH controlled leak stub cable, 25 pair wire wrap terminal, external talk pair assembly, and an "F" pressure testing valve.
FA230-C	Underground Junction Box equipped with a non-plugged stub cable and a 25 pair wire wrap terminal.
FA230-CB	Underground Junction Box equipped with a plugged stub cable and a 25 pair wire wrap terminal.
FA230-CP	Underground Junction Box equipped with a 2 SCFH Controlled leak stub cable and a 25 pair wire wrap terminal.



SPECIFICATIONS

CHARACTERISTICS	MODEL 230
Construction:	Die Cast Brass, Tin Plated
Dimensions:	Length 8", Width 4", Height 3", Weight 8 lbs.
Mounting Hole Span:	Horizontal 7", Vertical 3", Input Ports Eight (8) 1/8", NPT Female (All measurements - center to center)
Stub Cable:	25 pair, 22 gauge, PIC cable, 15 ft. long, standard PIC color code. Available in plugged, non-plugged, and controlled leak versions.
Connecting Block:	25 pair wire wrap with pair identification.

Specialists in Cable Pressurization

Radiodetection (USA) 28 Tower Road, Raymond, Maine 04071, USA
Tel: +1 (207) 655 8525 Toll Free: +1 (877) 247 3797 Fax: +1 (207) 655 8535 rd.sales.us@spx.com www.radiodetection.com

Radiodetection Ltd. (UK) Western Drive, Bristol BS14 0AF, UK
Tel: +44 (0) 117 976 7776 Fax: +44 (0) 117 976 7775 rd.sales.uk@spx.com www.radiodetection.com

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