



## Transducer Adapter



The machined Delrin rod adapts the  $\frac{1}{2}$ " -14 threaded "stem" of the SMBB200-9 transducer to  $1 \frac{1}{4}$ " pipe thread.

The slotted adapter is designed to be installed over the transducer cable and then threaded down the stem until contact with the shoulder of the transducer body is made.





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A 1¼" pipe coupling can now be threaded over the adapter assembly. In addition to securing the transducer assembly to a length of pipe, the coupling assures that the adapter will not open at the cable slot. Installation of the adapter is completed by installing a bolt in the threaded hole at the side of the adapter. Contact between the end of the bolt and the unthreaded part of the transducer stem locks the transducer in place and prevents the transducer from unscrewing itself over time.



## Transducer Adapter

This slide represents a cross section view.

Pipe for deploying transducers over the side of boats of opportunity. Internal diameter of pipe must be large enough to accept the circular MS connector. This installation protects the cable as it exits the transducer.

Stem of Transducer

Transducer

Protect the exit point of the transducer cable to guard against nicks and cuts, plus wear against the pipe. A length of "heater hose" or other tubing slit lengthwise and slipped over the cable works well.

Pipe for deploying transducers over the side on boats of opportunity. Internal diameter of pipe must be large enough to accept the circular MS connector. This installation protects the cable as it exits the transducer.

Delrin Bushing adapts the threaded stem of the transducer to the larger Internal diameter threaded pipe coupling.