

Model IX – Special Products

EDI can customize any of its immersion products or design special products to meet the unique requirements of a particular application. These products are designated as Model IX followed by a sequence number. Contact us for additional information on any of these products.

Special and Custom Through-Wall Products:

<u>Model</u>	<u>Description</u>
IX01	Model IX01 is a variant of Model IR. It has a 1 inch IPS socket fitting on the wire end and a 3/4 inch IPS socket fitting on the membrane end.
IX02	Model IX02 is a weighted immersion reference with separable underwater connector on wire end. This allows it to be easily removed from the drop wire for storage.
IX03	Model IX03 is a zinc immersion reference for seawater use.
IX06	Model IX06 is Model IR with a detachable weight.
IX12	Model IX12 is a reduced diameter version of Model IR with an extension bridge.
IX13	Model IX13 is a zinc immersion reference custom designed for a seawater tank.

www.edi-cp.com



electrochemical devices, inc.

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*I Series
Immersion
Reference
Electrodes*

Specify as EDI Model IX01z-xxx-LWnnn where

z = option codes, A

xxx = element type, AGG or CUG

nnn = wire length in feet

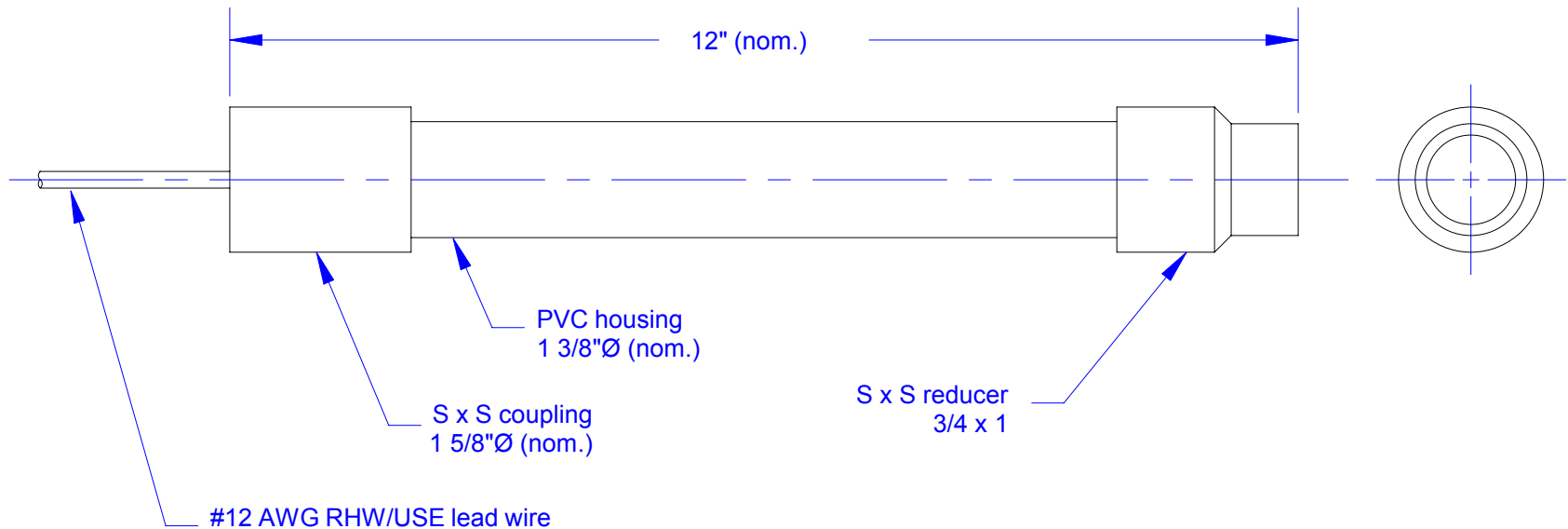
Option Codes

A = Antifreeze protection to -70F

Element Types

AGG = Saturated gelled Ag/AgCl

CUG = Saturated gelled Cu/CuSO4



Model IR with socket fittings on both ends.



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Modified Immersion Reference

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SCALE HALF

DRAWN BY FJA

DATE 27 DEC 1999

DRAWING NUMBER

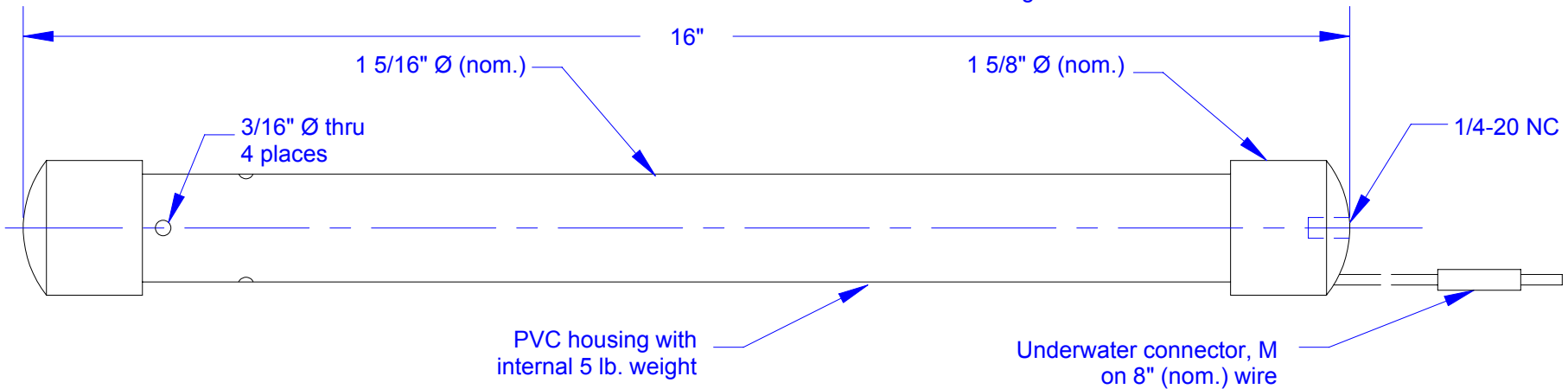
IX01-1

Electrode

Specify as EDI Model IX02-xxx-SW
where xxx = element type

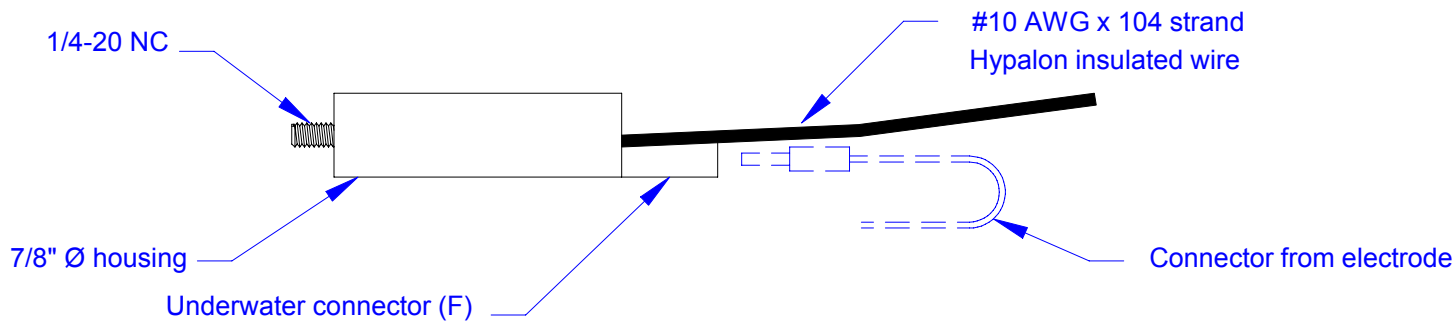
Element Types

AGG = Saturated gelled Ag/AgCl
AGD = Dry-type Ag/AgCl
CUG = Saturated gelled Cu/CuSO₄

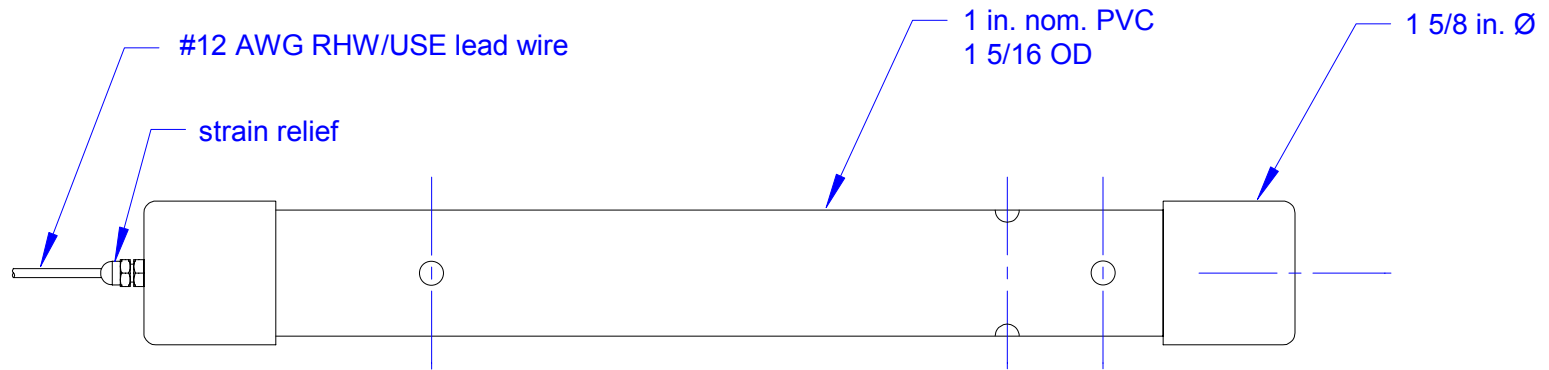


Wire Assembly

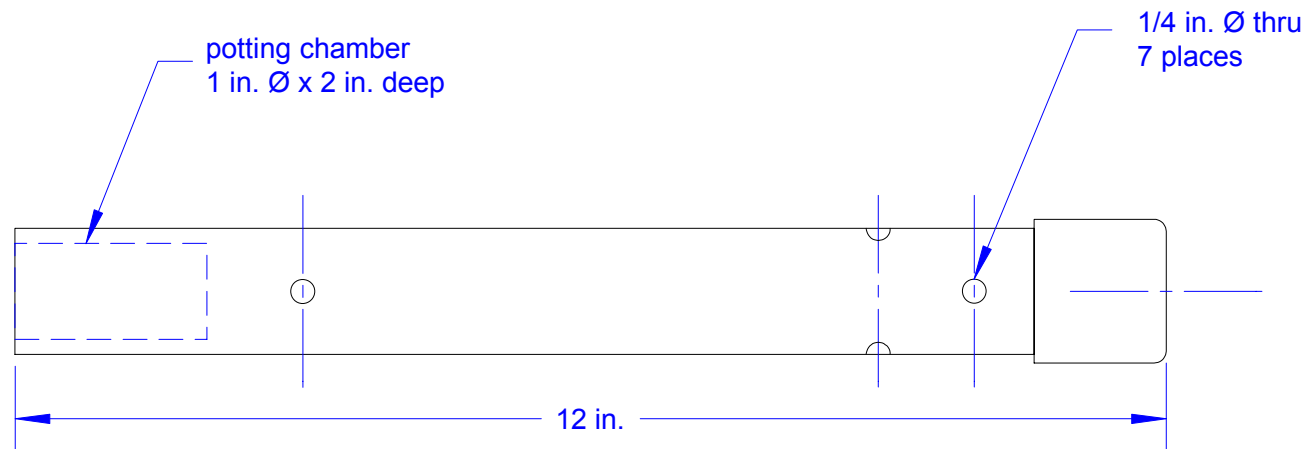
Specify as EDI Model IX02-WIR-LWnnn
where nnn = wire length in feet.



Specify as EDI Model IX03-ZIN-LWnnn
 where nnn is length of lead wire in feet



Specify as EDI Model IX03-ZIN-PC



Reference

Specify as EDI Model IX06z-xxx-yy

z = option code, A

xxx - element type, AGG or CUG

yy = termination, LWnnn or CWnnn

Option Codes

A = antifreeze protection to -30°F (-35°C)

Element Types

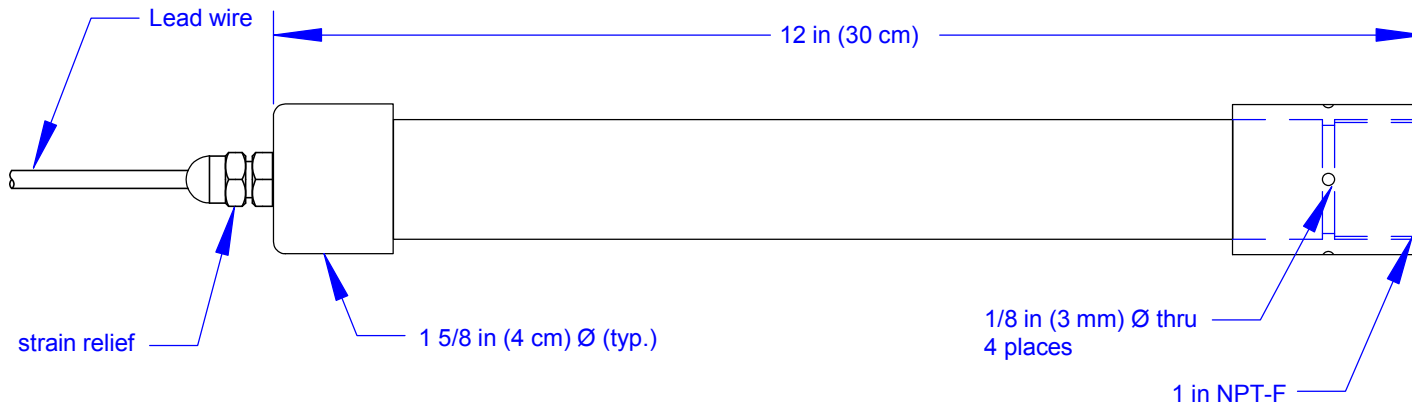
AGG = Saturated gelled Ag/AgCl

CUG = Saturated gelled Cu/CuSO₄

Termination Types

LWnnn = nnn feet #12AWG RHW/USE lead wire

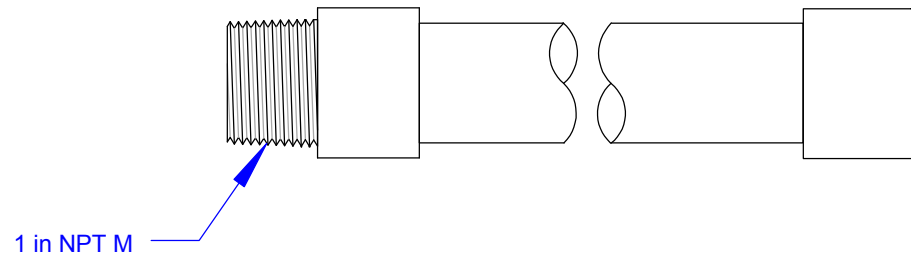
CWnnn = wire as specified by customer



Detachable weight

Specify as EDI Model IX06-WTn

n = weight in pounds, 1 to 9



Model IX06 is Model IR
with a detachable weight

Reference Electrode

Specify as EDI Model IX12-xxx-yy
xxx = element type, AGG or CUG
yy = termination, LWnnn or CWnnn

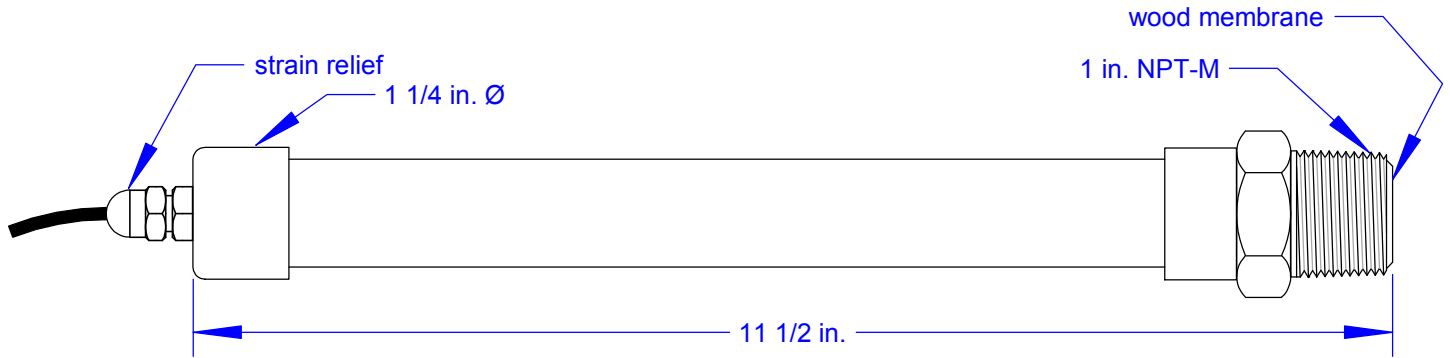
Note: Design life of reference electrode is 25 years at temperatures below 100°F (38°C). Actual service life is reduced when used at elevated temperatures.

Element Types

AGG = Saturated gelled Ag/AgCl
CUG = Saturated gelled Cu/CuSO4

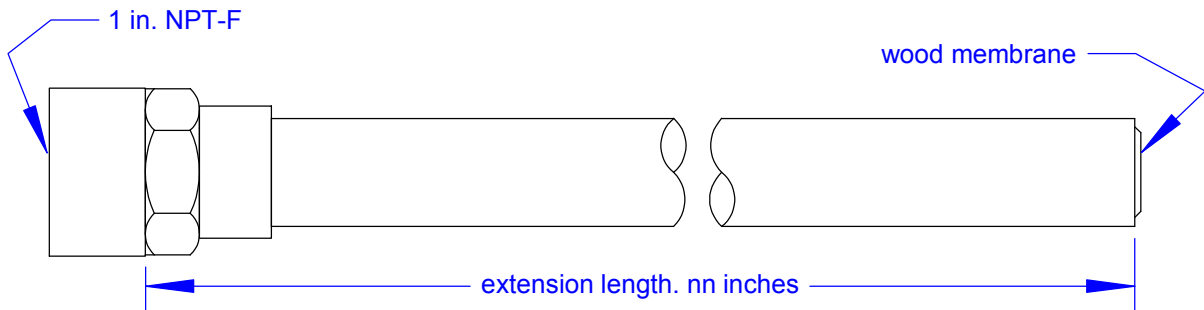
Termination Types

LWnnn = nnn ft. #12 AWG RHW/USE lead wire
CW = custom wire as specified by customer



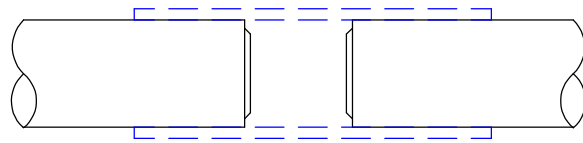
Bridge Specify as EDI Model IX12-BDG-nn
nn = extension length, inches

Reference electrode body and bridge are CPVC.



Optional smooth ends
specify at time of ordering

Join using a hose filled with absorbent material.



Immersion Reference with Bridge

SCALE HALF

DRAWN BY FJA

DATE 21 MAR 2014

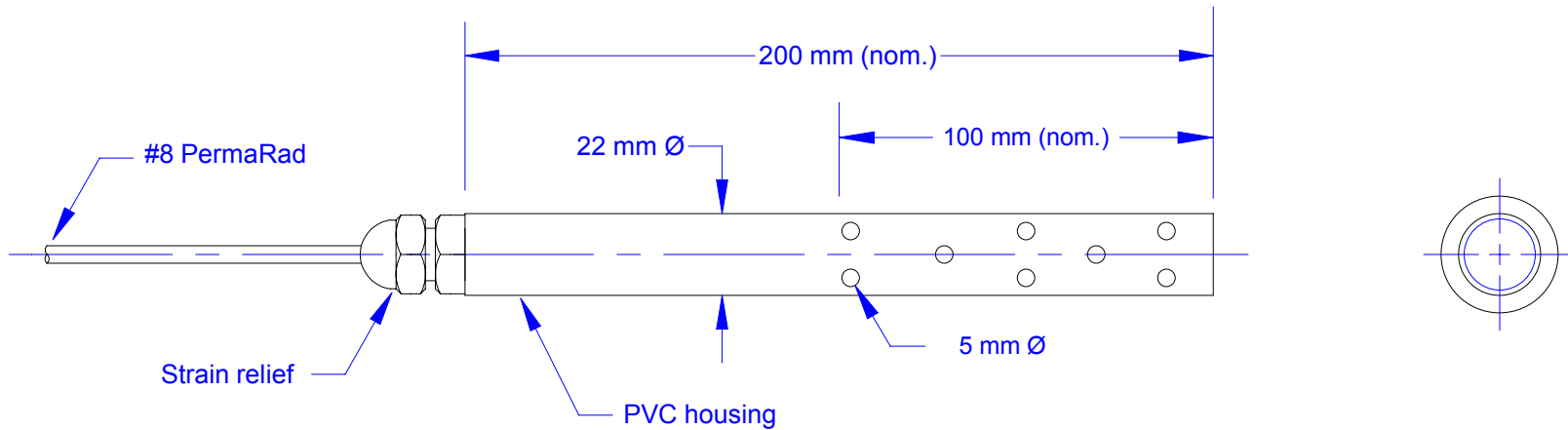
DRAWING NUMBER IX12ASY-3



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Note: a 99.99% zinc rod is located within perforated tube.
 Approximate rod dimensions are 13 mm dia. x 110 mm.

Specify as IX13-ZIN-CW