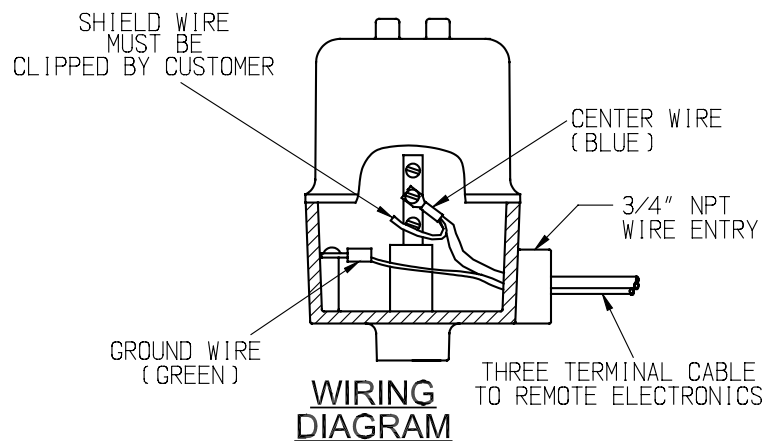
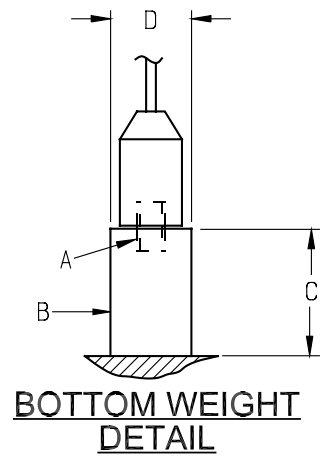


BOTTOM WEIGHT PART NUMBER	SEE NOTE	A THREADED CONNECTION	B MATERIAL	C LENGTH	D DIAMETER	APPROX. WEIGHT
722-0025-040	8	1/2-20 UNF	TFE	3 1/2	1 1/2	12 oz
722-0058-004		1/2-20 UNF	316 SST	2	4	8 lbs
752-0025-004		1/2-20 UNF	316 SST	4	7/8	10 oz
752-0025-008		1/2-20 UNF	HAST-C	4	7/8	10 oz
752-0058-010		1/2-20 UNF	TFE	2 1/2	2 1/2	16 oz
752-0756-040	8,9	1/2-20 UNF (MALE)	TFE	5 3/4	3/4	6 oz



- NOTES:
1. INSTALLATION WITH REMOTE ELECTRONICS SHOWN.
 2. ALUMINUM CONDULET SUPPLIED SEPARATELY.
 3. STANDARD METAL WETTED PARTS: 316 STAINLESS STEEL. NON-METALLIC WETTED PARTS: TFE AND PFA
 4. MINIMUM FLANGE SIZE: 1" 150# ANSI
 5. TFE FLANGE FACING IS AVAILABLE.
 6. MAXIMUM INSERTION LENGTH: 100 FEET (30.5 meters)
 7. ANY LISTED WEIGHT MAY BE USED. ONLY 3/4" AND 7/8" DIAMETERS FIT THROUGH 3/4" NPT COUPLING.
 8. STEEL WEIGHT COMPLETELY TFE ENCLOSED.
 9. WEIGHT HAS 1/2-20 STUD ONE END.
 10. SENSING ELEMENT IS FIELD SHORTENABLE. SHORTENING KIT IS FURNISHED WITH SENSING ELEMENT (P/N 389-0001-023). SEE SHEET 2 FOR INSTRUCTIONS.
 11. SENSING ELEMENT PRESSURE AND TEMPERATURE RATINGS:
500 psi UP TO 300°F OR 3440 KPA UP TO 148°C

CERTIFIED	by	9	4-12-105	JEN	5-9-12	COPYRIGHT 2012
PO #		8	12-00-161	JET	4-25-01	AMETEK DREXELBROOK
ENG		7	8-99-255	JBR	10-19-99	SCALE NONE
USER		6	3-97-168	TDH	4-29-97	UNLESS OTHERWISE STATED ALL DIMENSIONS IN INCHES (MM)
		5	8-96-252	JEN	9-16-96	DR. JJS 5-7-12
DE #		ISS.	EDO/DSR NO.	APP'D	DATE	CK. TDH 5-9-12

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SENSING ELEMENT
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DIAGRAM

700-0005-054-CD

SHT. 1 OF 2
ISS. 9

NO. 700-0005-054-CD
SHT. 1 OF 2

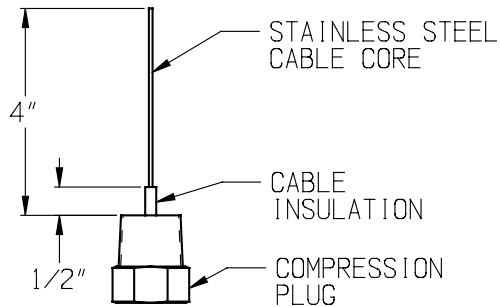
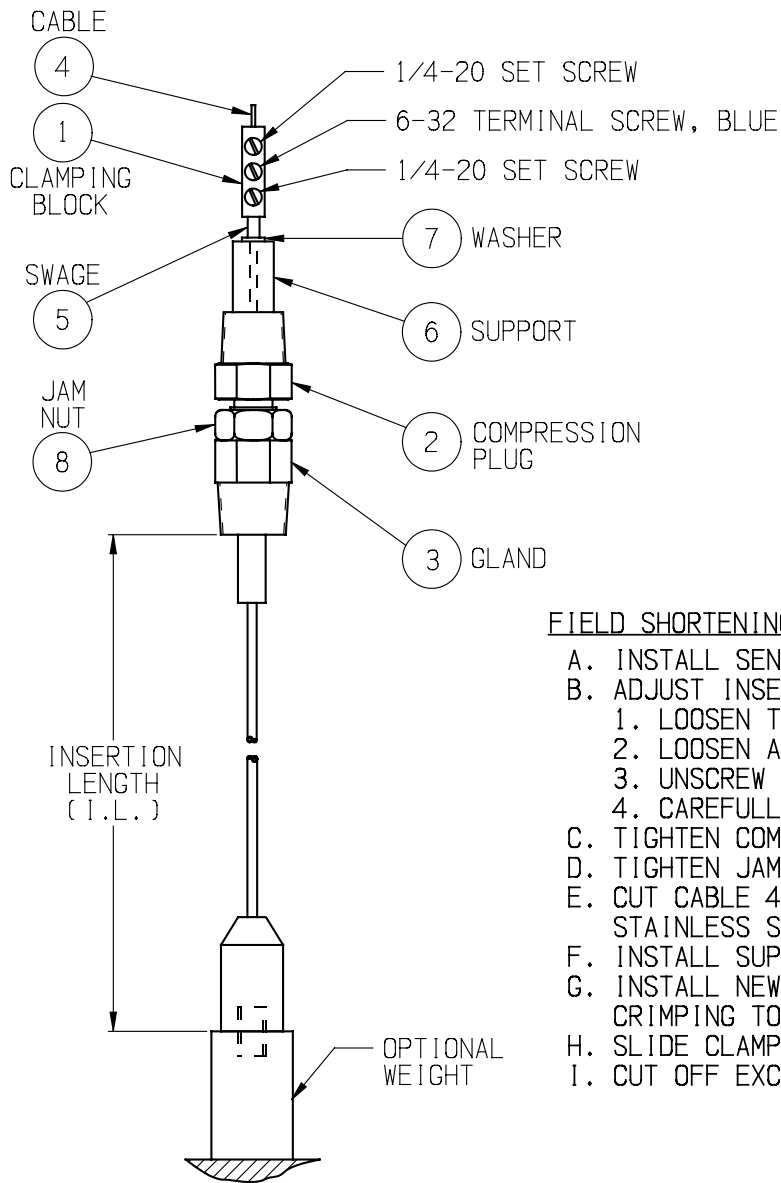


FIGURE 1

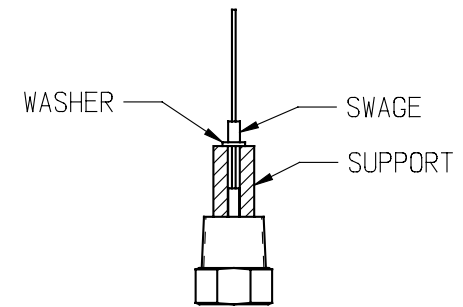


FIGURE 2

FIELD SHORTENING PROCEDURE:

- A. INSTALL SENSING ELEMENT IN VESSEL.
- B. ADJUST INSERTION LENGTH AS FOLLOWS:
 1. LOOSEN TWO SET SCREWS IN CLAMPING BLOCK (ITEM 1) AND REMOVE CLAMPING BLOCK.
 2. LOOSEN AND BACK OFF JAM NUT (ITEM 8).
 3. UNSCREW COMPRESSION PLUG (ITEM 2) FROM GLAND (ITEM 3) APPROXIMATELY TWO TURNS.
 4. CAREFULLY PULL CABLE (ITEM 4) TO SHORTEN I.L. TO DESIRED LENGTH.
- C. TIGHTEN COMPRESSION PLUG (ITEM 2) AND GLAND (ITEM 3) TO 20 FT-LBS.
- D. TIGHTEN JAM NUT (ITEM 8) TO 75 FT-LBS.
- E. CUT CABLE 4" ABOVE COMPRESSION PLUG (ITEM 2) AND STRIP CABLE TO EXPOSE THE STAINLESS STEEL CORE AS SHOWN IN FIGURE 1.
- F. INSTALL SUPPORT (ITEM 6) AND WASHER (ITEM 7) ONTO CABLE.
- G. INSTALL NEW SWAGE FROM KIT (ITEM 5) ONTO CABLE. CRIMP SWAGE ON CABLE USING CRIMPING TOOL OR PLIERS. SEE FIGURE 2.
- H. SLIDE CLAMPING BLOCK (ITEM 1) INTO POSITION AND TIGHTEN SET SCREWS.
- I. CUT OFF EXCESS CABLE ABOVE CLAMPING BLOCK.

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