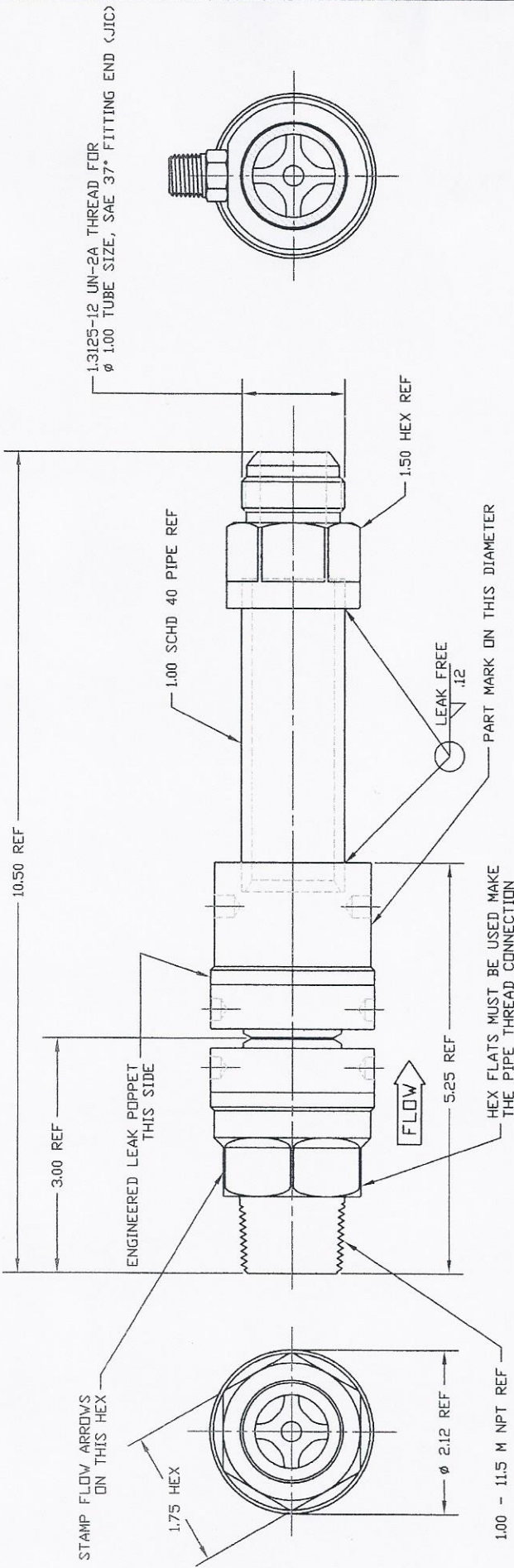


REV	DESCRIPTION	DATE	APPROVAL

NO
 THIS DRAWING IS THE PROPERTY OF
 THE COMPANY AND IS TO BE USED
 FOR THE MANUFACTURE OF THE
 PARTS AND TO BE KEPT IN THE
 COMPANY'S POSSESSION. IT IS TO
 BE RETURNED TO THE COMPANY
 UPON REQUEST AND IS NOT TO
 BE REPRODUCED OR COPIED IN
 ANY MANNER WITHOUT THE EXPRESS
 WRITTEN PERMISSION OF THE
 COMPANY.



IDENTIFIED POPPET DESIGNED TO LEAK AT BREAKAWAY, PREVENTS OVER PRESSURE DUE TO LIQUID - GAS PHASE CHANGE.

PERFORMANCE SPECIFICATIONS:
 MEDIA: LNG FUELING SERVICE OR INERT GAS & LIQUIDS @ -320° TO +140° F SERVICE TEMP.
 PRESSURE RATING: 300 PSIG FUELING, 550 PSIG MAX STATIC W/P.J BURST: 1500 PSIG
 RATED FLOW: 50 GPM (LNG)
 WEIGHT: 4.1 LBS AS SHOWN
 AUTOMATIC MEDIA FLOW SHUT-OFF AT BREAKAWAY
 MATERIALS: WETTED PARTS: BRASS, CRES & UHMW
 BREAKAWAY LOAD: LEFT END FIXED AND SIDE LOAD AT FITTING END
 OF 225 - 275 LBS APPLIED AT RIGHT ANGLE TO AXIS; AT -0- INTERNAL PRESSURE.
 RADIOGRAPHY: N/A
 IMPACT TEST: EXEMPT PER 323.2.2 & 323.2.3 IN ACCORDANCE WITH UNF-65
 PNEUMATIC TEST: 250 PSIG DRY NITROGEN @ 70 °F

GENERAL NOTES:

1. ALL COMPONENTS CLEANED PER CGA G-4.1 AND COMPLETED ASSEMBLY SHALL BE PACKAGED IN A SEALED POLY BAG WITH IDENTIFICATION PER VO REQMT'S
2. UNIT IS NON-FIELD SERVICABLE
3. PERMANENTLY MARK ON 2IN DIAMETER OF IDENTIFIED PART: MACRO PART NUMBER, REVISION, AND ASSEMBLY DATE CODE OPERATING PRESSURE: 300 PSIG/20.7 BAR
4. STAMP FLOW ARROW ON FLATS OF IDENTIFIED HEX, OPPOSITE SIDES. FLOW IS LEFT TO RIGHT.
5. ORDER PART NUMBER: 14390-5 SEE S-13740-5 FOUR VERSION WITH SENSOR PLUG

REFERENCE
ONLY

QUANTITY REC'D		PART DESCRIPTION		MATERIAL / FINISH SPECIFICATION		ITEM
-2	-1	BSC	FSCM NO.	PART NUMBER	PARTS LIST	
* UNLESS OTHERWISE SPECIFIED * ALL DIMENSIONS ARE IN INCHES AND ARE TO BE MET BEFORE PLACING TOLERANCES ARE: .XX = ± .030 .XX = ± .010 .XX = ± .030 .XX = ± .010 .XX = ± .030 .XX = ± .010 .XX = ± .030 .XX = ± .010 .XX = ± .030 .XX = ± .010 .XX = ± .030 .XX = ± .010 .XX = ± .030 .XX = ± .010 .XX = ± .030 .XX = ± .010 .XX = ± .030 .XX = ± .010						
DRILLED - HOLE TOL. .013 TO .125 = +.004 - .001 .130 TO .250 = +.006 - .001 .250 TO .375 = +.008 - .001 .380 TO .750 = +.010 - .001 .750 TO 1.50 = +.012 - .001 1.50 TO 3.00 = +.015 - .001 3.00 TO 6.00 = +.020 - .001 6.00 TO 12.00 = +.025 - .001 12.00 TO 24.00 = +.030 - .001 24.00 TO 48.00 = +.035 - .001 48.00 TO 96.00 = +.040 - .001 96.00 TO 192.00 = +.045 - .001 192.00 TO 384.00 = +.050 - .001 384.00 TO 768.00 = +.055 - .001 768.00 TO 1536.00 = +.060 - .001 1536.00 TO 3072.00 = +.065 - .001 3072.00 TO 6144.00 = +.070 - .001 6144.00 TO 12288.00 = +.075 - .001 12288.00 TO 24576.00 = +.080 - .001 24576.00 TO 49152.00 = +.085 - .001 49152.00 TO 98304.00 = +.090 - .001 98304.00 TO 196608.00 = +.095 - .001 196608.00 TO 393216.00 = +.100 - .001 393216.00 TO 786432.00 = +.105 - .001 786432.00 TO 1572864.00 = +.110 - .001 1572864.00 TO 3145728.00 = +.115 - .001 3145728.00 TO 6291456.00 = +.120 - .001 6291456.00 TO 12582912.00 = +.125 - .001 12582912.00 TO 25165824.00 = +.130 - .001 25165824.00 TO 50331648.00 = +.135 - .001 50331648.00 TO 100663296.00 = +.140 - .001 100663296.00 TO 201326592.00 = +.145 - .001 201326592.00 TO 402653184.00 = +.150 - .001 402653184.00 TO 805306368.00 = +.155 - .001 805306368.00 TO 1610612736.00 = +.160 - .001 1610612736.00 TO 3221225472.00 = +.165 - .001 3221225472.00 TO 6442450944.00 = +.170 - .001 6442450944.00 TO 12884901888.00 = +.175 - .001 12884901888.00 TO 25769803776.00 = +.180 - .001 25769803776.00 TO 51539607552.00 = +.185 - .001 51539607552.00 TO 103079215104.00 = +.190 - .001 103079215104.00 TO 206158430208.00 = +.195 - .001 206158430208.00 TO 412316860416.00 = +.200 - .001 412316860416.00 TO 824633720832.00 = +.205 - .001 824633720832.00 TO 1649267441664.00 = +.210 - .001 1649267441664.00 TO 3298534883328.00 = +.215 - .001 3298534883328.00 TO 6597069766656.00 = +.220 - .001 6597069766656.00 TO 13194139533312.00 = +.225 - .001 13194139533312.00 TO 26388279066624.00 = +.230 - .001 26388279066624.00 TO 52776558133248.00 = +.235 - .001 52776558133248.00 TO 105553116266496.00 = +.240 - 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