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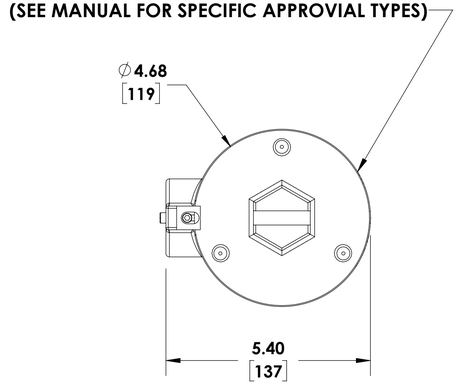
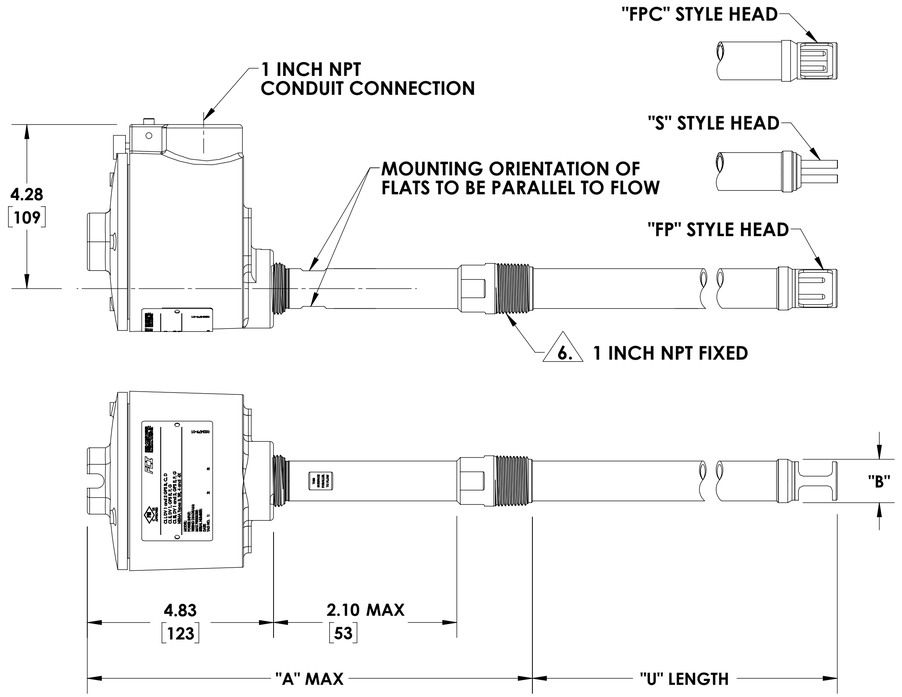
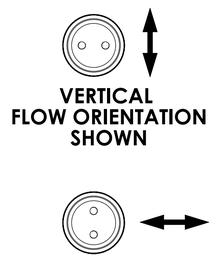
| REVISION | | |
|---|---|---|
| REV | DESCRIPTION | DATE |
| C | SEE ECN006349 | 04/11/25 |

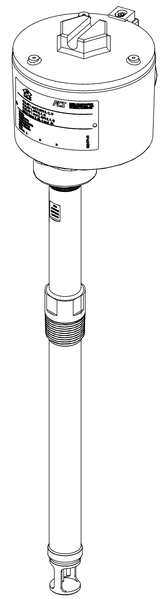
## FLOW ELEMENT ASSEMBLY 7.



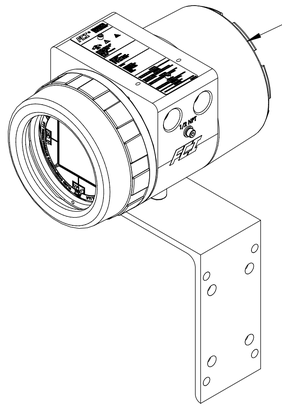



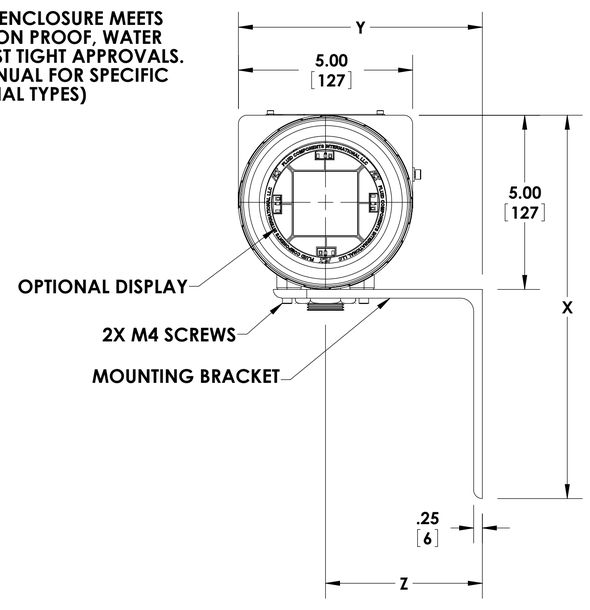



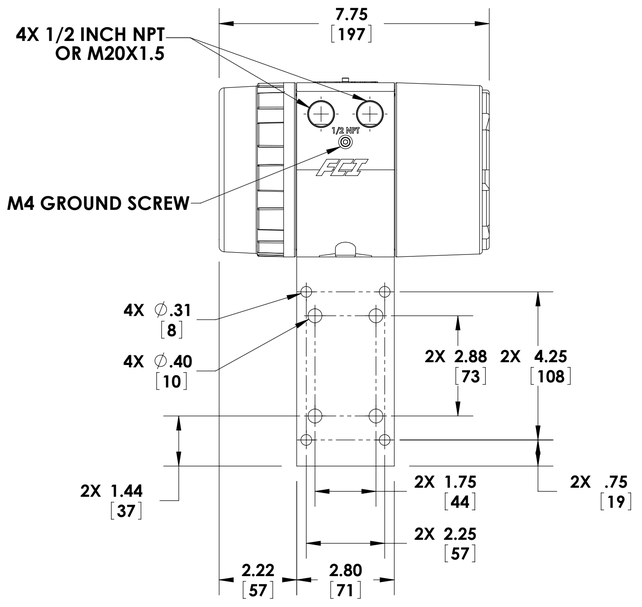

| TEMP | "A" | "B" |
|---|---|---|
| LOW/MED TEMP | 11.50 [292] | 1.13 [29] |
| HIGH TEMP | 14.50" [368.3] | 1.05 [27] |



## REMOTE ELECTRONICS ASSEMBLY




| | ALUMINUM | SST |
|---|---|---|
| X | 11.00 | 13.00 |
| Y | 7.00 | 9.25 |
| Z | 4.50 | 6.75 |

7. QUANTITY OF TWO (2) FLOW ELEMENT ASSEMBLIES PROVIDED FOR ST102A AND ST102AA MODELS.

6. FITTING SPECIFICATIONS:
- MAXIMUM OPERATING PRESSURE: 1000 PSIG [69 BAR(G)]

5. SEE IO&M FOR ADDITIONAL INFORMATION AND INSTRUCTION.

4. ALL ORIENTATIONS AND/OR MOUTING REFERENCES ARE INDICATED FROM TERMINAL ENCLOSURE END OF SENSING ELEMENT.

3. FOR ELECTRICAL OPTIONS, CONNECTIONS AND TESTS, SEE APPLICABLE WIRING DIAGRAM.

2. THIS DRAWING IS REFERENCE DOCUMENT ONLY.

1. DIMENSIONS IN BRACKET [ ] ARE IN MILLIMETERS.

NOTES: UNLESS OTHERWISE SPECIFIED

## SPECIFICATIONS

Customer: BASF
Purchase Order No: C121703 Customer
Order No: C121703
Wetted Surface Material: 316L Element
Operating Temp: 0~350degc
Operating Pressure: 50~60kpa(g)
U Length: 19.8"
Serial No: 760786
Tag No: 041F711103_T

# OUTLINE/INSTALLATION DRAWING

NEXT ASSY | USED ON
APPLICATION
THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS .X ±.1 .XX ±.03 .XXX ±.010
ANGULAR ±1/2°
MATERIAL
MACH SURFACE FINISH: 125 RMS MAX
MACH RAD .030
DO NOT SCALE DRAWING
PARTS TO BE FREE OF BURRS & SHARP EDGES

| APPROVALS | | APPROVALS | |
|---|---|---|---|
| PRODUCT CERT APVL | N/A | DRAWN 4/25/2019 | Dana Mayfield |
| CONTRACT | N/A | CHECK 4/29/2019 | Fouad Chirar |
| MFG ENGR | N/A | ENGR 4/29/2019 | Fouad Chirar |
| MATL MGMT | N/A | ENGR | N/A |
| MFG | N/A | AERO QUAL | N/A |
| QA 4/29/2019 | Burt Tanaka | NUC QUAL | N/A |

FCI® FLUID COMPONENTS INTERNATIONAL LLC
SAN MARCOS, CA 92078

TITLE: TRANSMITTER,ST80 1 INCH NPT, HAZARDOUS LOCATION, REMOTE

| SIZE | CAGE CODE | DWG NO. | REV |
|---|---|---|---|
| D | 64818 | 004892 | C |
| | | SCALE NONE | SHEET 1 OF 1 |