

FIGURE A (NO GAUGES)

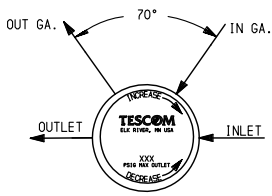


FIGURE B (2 GAUGES)

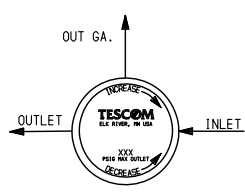


FIGURE C (1 GAUGE)

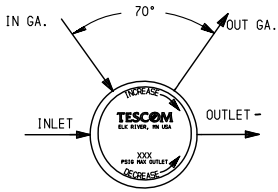


FIGURE D (2 GAUGES)

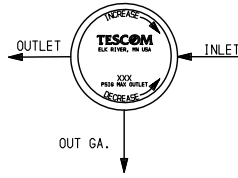


FIGURE E (1 GAUGE)

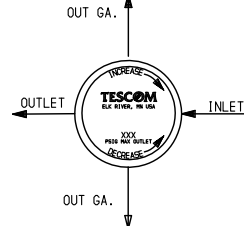


FIGURE F (2 GAUGE)

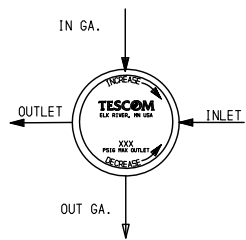


FIGURE G (2 GAUGE)

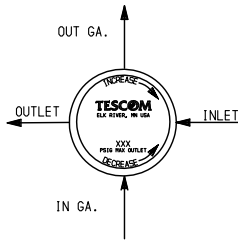
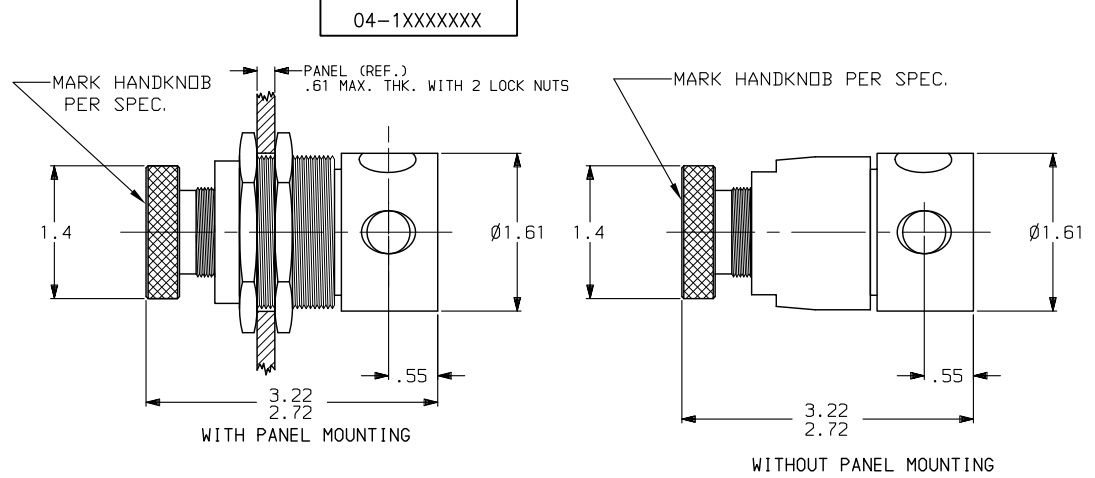


FIGURE H (2 GAUGE)



GENERAL SPECIFICATIONS:

INLET PRESSURE: 3500 MAX. PSI
 OUTLET PRESSURE: SEE TABLE II
 DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
 PRESSURE RATING: PER CRITERIA OF ANSI/ASME B31.3
 OPERATING TEMPERATURE: -40°F TO +165°F
 LEAKAGE: INTERNAL: BUBBLE TIGHT
EXTERNAL: <1 X 10⁻⁶ atm cc/sec. He
 FLOW CAPACITY (Cv): .06
 INTERNAL VOLUME: 3.03 CC
 WEIGHT: SST OR BRASS MODELS: 1 LB.
ALUMINUM: .5 LB.

MATERIALS CONTACTING LINE MEDIA:

SEAT: SEE TABLE I
 FRICTION SLEEVE (INNER): TEFLON
 BODY: SEE TABLE I
 DIAPHRAGM: ELGILOY
 FILTER: 316 SST
 REMAINING PARTS: 316 SST

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC:
 04-1XXAXXXX: A42128-01
 04-1XXEXXXX: A42128-02

| DASH NO. | INLET PRESSURE | BODY MATERIAL | TRIM | SEAT |
|----------|----------------|---------------|-----------|--------|
| A | 3500 | 316/316L | 316 SST | PFA |
| B | 3500 | BRASS | 316/BRASS | PFA |
| C | 3500 | ALUMINUM | 316/BRASS | PFA |
| D | 3500 | 316/316L | 316 SST | CTFE |
| E | 3500 | BRASS | 316/BRASS | CTFE |
| F | 3500 | ALUMINUM | 316/BRASS | CTFE |
| G | 3500 | 316/316L | 316 SST | VESPEL |
| H | 3500 | BRASS | 316/BRASS | VESPEL |
| J | 3500 | ALUMINUM | 316/BRASS | VESPEL |

| DASH NO. | OUTLET PRESSURE | PROOF PRESSURE |
|----------|-----------------|----------------|
| 1 | 0-30 PSI | 150% |
| 2 | 0-60 PSI | |
| 3 | 0-100 PSI | |

| DASH NO. | ADJUSTING | |
|----------|------------|------------------------|
| A | KNOB BLACK | WITHOUT PANEL MOUNTING |
| E | KNOB BLACK | WITH PANEL MOUNTING |

SERIES NUMBER
 04-1A3EAAPPZ

| DASH NO. | OPTIONS |
|----------|---------|
| Z | NONE |

| DASH NO. | INLET & OUTLET PORT SIZE/TYPE |
|----------|-------------------------------|
| PP | 1/8 NPT |
| NN | 1/4 NPT |

| DASH NO. | GAUGE PORT OPTION | NUMBER OF GAUGES | GAUGE PORT LOCATION |
|----------|-------------------|------------------|---------------------|
| AA | NO GAUGES | 0 | SEE FIGURE A |
| AF | 1/4 NPT | 1 | SEE FIGURE C |
| AG | 1/8 NPT | 1 | SEE FIGURE C |
| AT | 1/8 NPT | 2 | SEE FIGURE B |
| BF | 1/4 NPT | 1 | SEE FIGURE E |
| BG | 1/8 NPT | 1 | SEE FIGURE E |
| BT | 1/8 NPT | 2 | SEE FIGURE D |
| CS | 1/4 NPT | 2 | SEE FIGURE F |
| DS | 1/4 NPT | 2 | SEE FIGURE H |
| GF | 1/4 NPT | 2 | SEE FIGURE G |

| | | | |
|----------------------|---------|---------|--|
| AT 2-3-09 | 5060-09 | CMB DP | TESCOM CORPORATION INDUSTRIAL CONTROLS DIVISION ELK RIVER, MN USA INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN. UNLESS OTHERWISE SPECIFIED: .0 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100/ CORNER & FILLET RADI: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC. 60301 |
| AS 1-14-09 | 5013-09 | CMB DP | |
| AR 9-11-08 | 5438-08 | SKO DP | |
| AP 10-31-07 | 5623-07 | SKO JDJ | |
| AN 7-25-07 | 5392-07 | SKO JDJ | |
| AM 6-6-07 | 5306-07 | SKO JDJ | |
| AL 4-2-07 | 5155-07 | DKD JDJ | |
| AK 9-11-06 | 1551-06 | RAG JDJ | |
| AJ 7-25-06 | 1484-06 | DKD JDJ | |
| AH 12-8-05 | 1736-05 | SKO JDJ | |
| REV. | DATE | ECO NO. | BY: APPR |
| REVISIONS | | | DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING) |
| REFERENCE DRAWING(S) | | | |

MATERIAL:

FINISH:

| | | |
|--------------|-------------|--------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: |
| ERW 12-13-95 | JH 12-13-95 | JH 12-13-95 |

NAME:

INSTALLATION INFORMATION

| | | |
|----------------|----------------|--------------------|
| SCALE: 1:1 | SIZE: C | NUMBER: 04-1XXXXXX |
| CODE NO. 13669 | SHT. 1 | OF 1 |