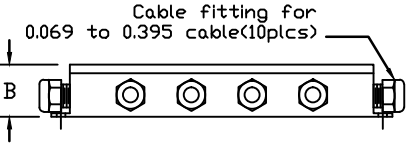
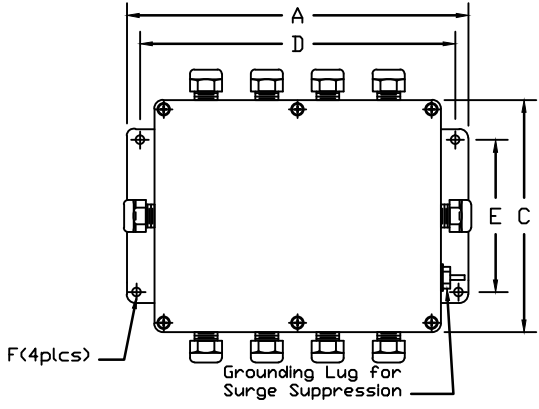
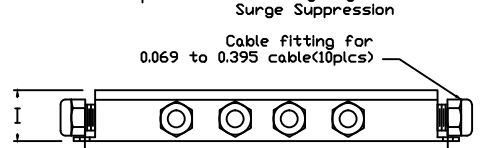
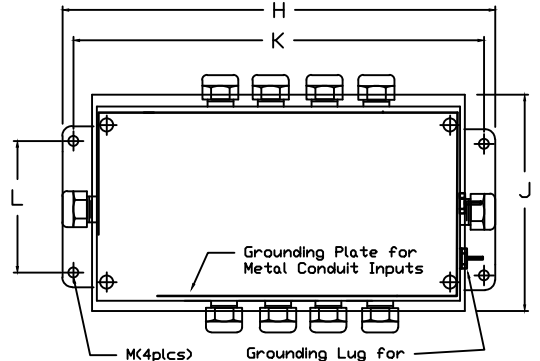


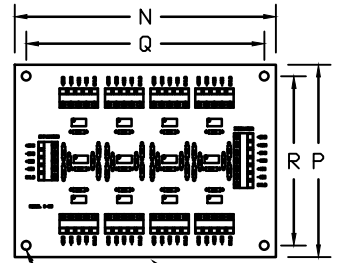
| REVISIONS | | | | | | | | |
|-----------|------|--------------------------|----------|-----|----|-----|------|---|
| ZONE | LTR. | DESCRIPTION | DATE | ECN | BY | CKD | APVD | |
| - | - | INITIAL RELEASE | 10/01/08 | - | - | - | - | - |
| A2 | A | REM(1) 8.95; ADD(1) 7.75 | 10/01/12 | - | FR | AA | AA | |



Stainless Steel Enclosure



Fiberglass Enclosure



Summing Card

NOTES:
INSTALL OPTIONAL GROUNDING PLATE FOR CONDUIT INPUTS.

| 85 | DIMENSIONS | | | | | |
|-----------------|------------|------|------|------|------|------|
| | A | B | C | D | E | F |
| STAINLESS STEEL | 9.81 | 1.87 | 6.50 | 9.00 | 4.37 | 0.25 |
| | H | I | J | K | L | M |
| FIBERGLASS | 8.50 | 2.00 | 7.35 | 7.75 | 4.35 | 0.30 |
| | N | Q | P | Q | R | S |
| SUMMING CARD | 6.79 | 0.75 | 5.00 | 6.25 | 4.30 | 0.14 |

| MODEL | PART NUMBER | DESCRIPTION |
|-------|-------------|---|
| 85 | FP-85AS | MODEL 85 FIBERGLASS POLYESTER SUMMING BOX COMPLETE (SIGNAL TRIM) |
| | FP-85AS-SP | MODEL 85 FIBERGLASS POLYESTER SUMMING BOX COMPLETE (SIGNAL TRIM) W/SURGE PROTECTION |
| | FP-85AE | MODEL 85 FIBERGLASS POLYESTER SUMMING BOX COMPLETE (EXCITATION TRIM) |
| | FP-85AE-SP | MODEL 85 FIBERGLASS POLYESTER SUMMING BOX COMPLETE (EXCITATION TRIM) W/SURGE PROTECTION |
| | SS-85AS | MODEL 85 STAINLESS STEEL SUMMING BOX COMPLETE (SIGNAL TRIM) |
| | SS-85AS-SP | MODEL 85 STAINLESS STEEL SUMMING BOX COMPLETE (SIGNAL TRIM) W/SURGE PROTECTION |
| | SS-85AE | MODEL 85 STAINLESS STEEL SUMMING BOX COMPLETE (EXCITATION TRIM) |
| | SS-85AE-SP | MODEL 85 STAINLESS STEEL SUMMING BOX COMPLETE (EXCITATION TRIM) W/SURGE PROTECTION |
| | PN 2000-52 | GROUNDING PLATE FOR METAL CONDUIT INPUTS |

TECHNICAL SPECIFICATIONS:

- MODEL: 85
- NUMBER OF LOAD CELL INPUTS: 8
- LOAD CELL TRIM RANGE: SIGNAL TRIM
350 OHM LOAD CELLS: 3%
700 OHM LOAD CELLS: 5%
- LOAD CELL TRIM RANGE: EXCITATION TRIM
350 OHM LOAD CELLS: 5%
700 OHM LOAD CELLS: 7%
- LIQUID TIGHT STRAIN RELIEFS: 10
- STRAIN RELIEF CABLE RANGE: 0.069 TO 0.395 INCHES
- ALL CONNECTIONS VIA SCREW TERMINAL BLOCKS

'DO NOT ALTER WITHOUT AGENCY NOTIFICATION'

COTI GLOBAL SENSORS, INC.

MODEL 85 8 CHANNEL SUMMING JUNCTION BOX

| APPROVALS | | DATE |
|----------------------|--|----------|
| DRAWN: MTSI | | 10/01/08 |
| CHECKED: MB | | 10/01/08 |
| ENGINEER: AA | | 10/01/08 |
| APPROVED: AA | | 10/01/08 |
| MATERIAL | | |
| STAINLESS STEEL | | |
| FIBERGLASS POLYESTER | | |

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TOLERANCES UNLESS OTHERWISE SPECIFIED
XX±.01
XXX±.005
FRACTIONS±1/16"
ANGLES: ±1/2°

| SCALE | SIZE | PART/DRAWING NO. | REV. |
|----------|------|------------------|--------------|
| NONE | B | DOD-85 | A |
| MODEL 85 | | | SHEET 1 OF 1 |