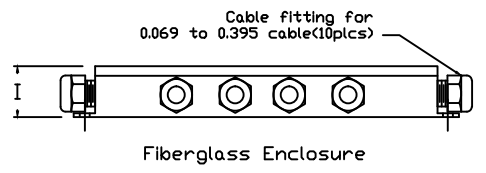
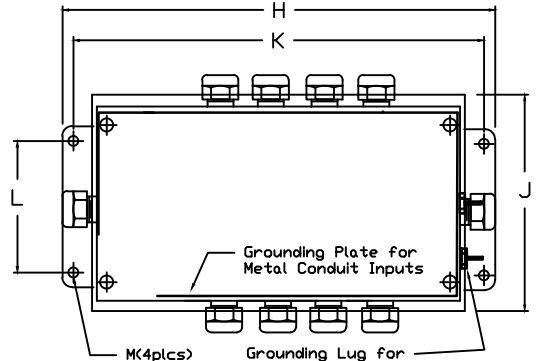
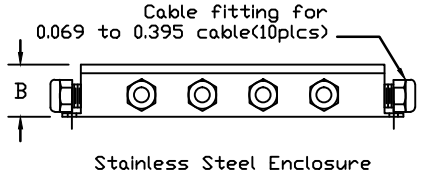
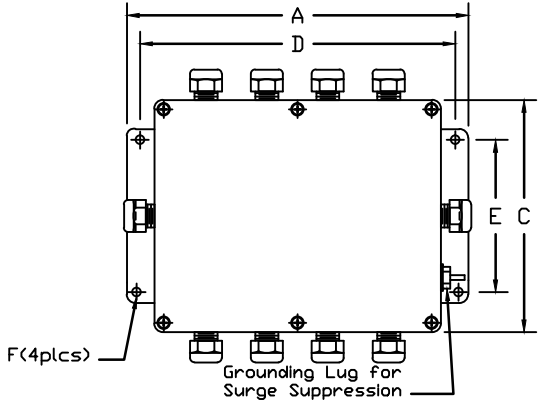


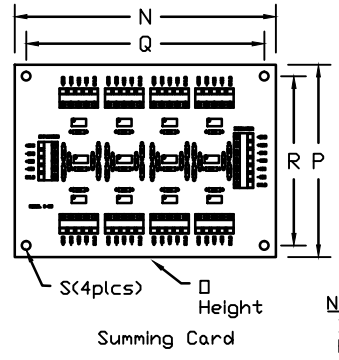
REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
A2	A	REM(1) 8.95; ADD(1) 7.75	10/01/12	-	FR	AA	AA



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



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

**NOTES:**  
INSTALL OPTIONAL GROUNDING PLATE FOR CONDUIT INPUTS.

'DO NOT ALTER WITHOUT AGENCY NOTIFICATION'

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		

**COTI GLOBAL SENSORS, INC.**

**MODEL 85 8 CHANNEL SUMMING JUNCTION BOX**

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-85	A

MODEL 85 SHEET 1 OF 1

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