

FL500

Sensitivity

1	100%
2	75%
3	50%

Time Delay

1	2 SECOND DELAY
2	4 SECOND DELAY
3	8 SECOND DELAY
4	10 SECOND DELAY

Housing

1	STAINLESS STEEL
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Cable Entry

1	2x3/4" NPT
2	2x25mm

Mounting Bracket

0	Without Bracket
1	With Bracket

Approvals / Fire Type

1	FM/CSA/ATEX/IECEX/INMETRO/JNIOOSH
2	CSA/ATEX/IECEX/JNIOOSH - H2
3	CCCF Approvals
4	CCCF Approvals - H2
5	Russian Approvals
6	Russian Approvals - H2

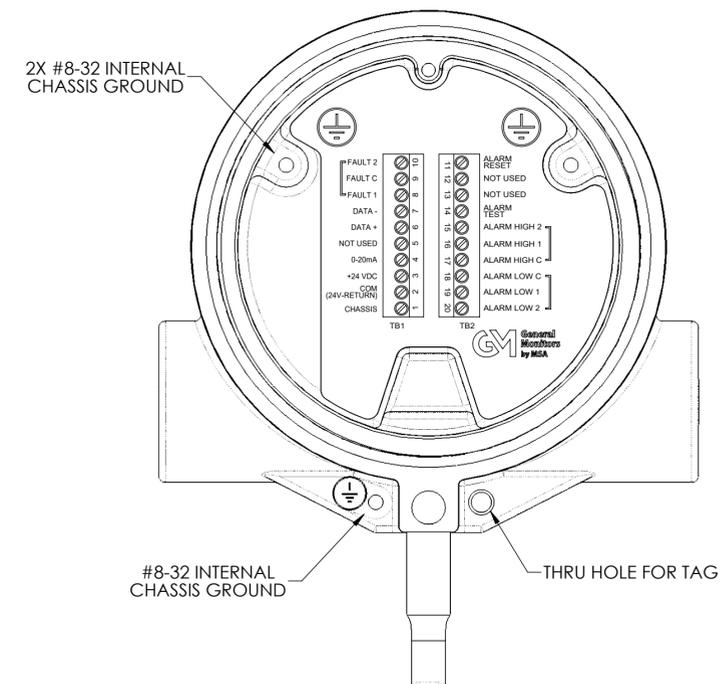
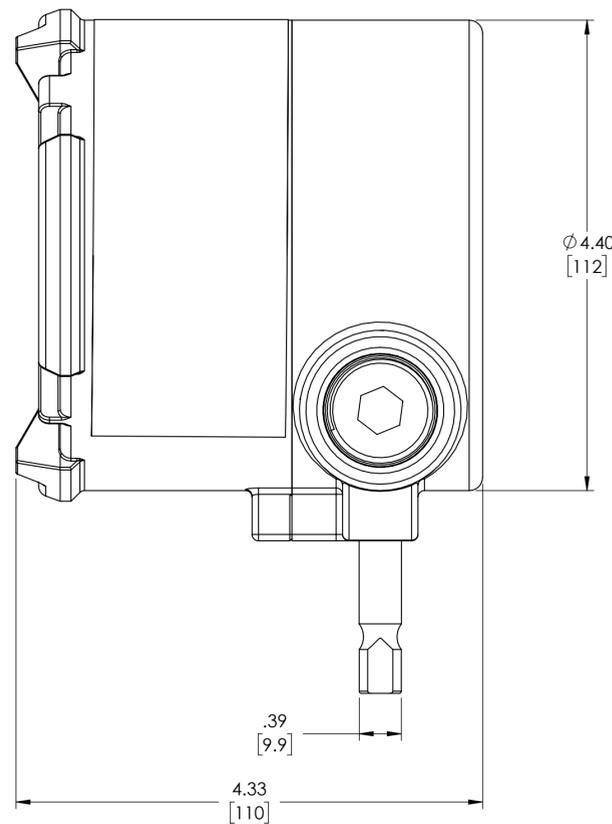
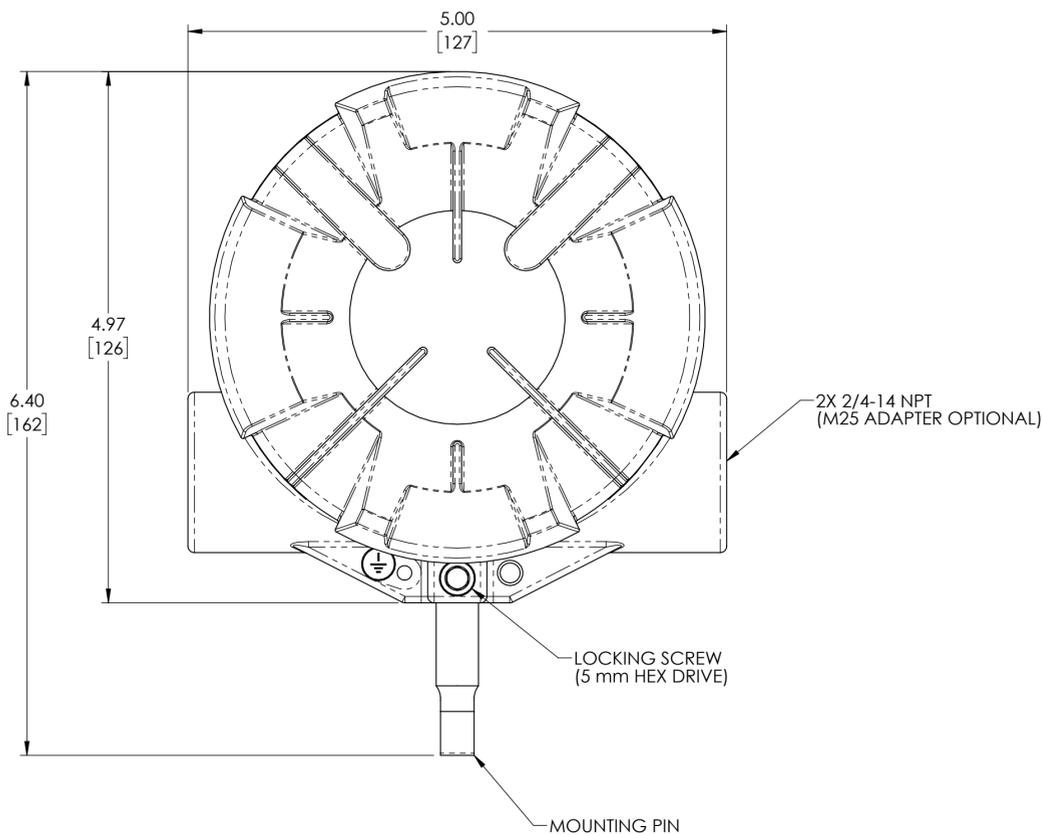
RELAY STATE - NC

1	Latch AL/nL Warn De-energized
2	Latch AL/nL Warn Energized
3	Latch AL/L Warn De-energized
4	Latch AL/L Warn Energized
5	Non-latch AL/nL Warn De-energized
6	Non-latch AL/nL Warn Energized
7	Non-latch AL/Latch Warn De-energized
8	Non-latch AL/Latch Warn Energized

Alarm Output

1	4-20mA Source, Relay, Single Modbus, HART off
2	4-20mA Sink, Relay, Single Modbus, HART off
3	3.5 mA HART, Source, Relays, Single Modbus
4	3.5 mA HART, Sink, Relays, Single Modbus
5	1.25 mA HART, Source, Relays, Single Modbus
6	1.25 mA HART, Sink, Relays, Single Modbus

REVISIONS						
ZONE	REV	CR	DESCRIPTION	BY	DATE	APPR
-	0	80000027815	PRODUCTION RELEASE	WJE	12JUN18	BM
-	1	80000036319	UPDATED APPROVALS / FIRE TYPE FIELD	SWR	28AUG19	SWR
-	2	80000039706	ALARM OUTPUT STANDARD CODE WAS 3	SWR	05MAR20	SWR
	3	80000047597	US LOCATION WAS LAKE FOREST, UPDATED OPTIONS PER KMAT DWG	WJE	30APR21	SWR



- 3. ENCLOSURE FINISH:
- STAINLESS STEEL PASSIVATED, RED POLYESTER (TGIC) POWDER COAT
- 2. DETECTOR WEIGHT:
- STAINLESS STEEL ENCLOSURE: 9.4 lb [4.3 kg]
- 1. DIMENSIONS ARE FOR REFERENCE ONLY.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED		The information and technical data disclosed by this document may be used and disseminated only for the purposes and to the extent specifically authorized by General Monitors, Inc. in writing. Such information and technical data are proprietary to General Monitors, Inc. and may not be used or disseminated except as provided in the foregoing sentence.			
THIRD ANGLE PROJECTION		DRAWN	WJE	03MAY18	
DIMENSIONS		CHK'D.	L.VLAGEA	02MAY18	
INCH[mm]		ENGR.	B.MONAHAN	02MAY18	

CUSTOMER _____

P.O. NO. _____

GM NO. _____

LOCATION _____

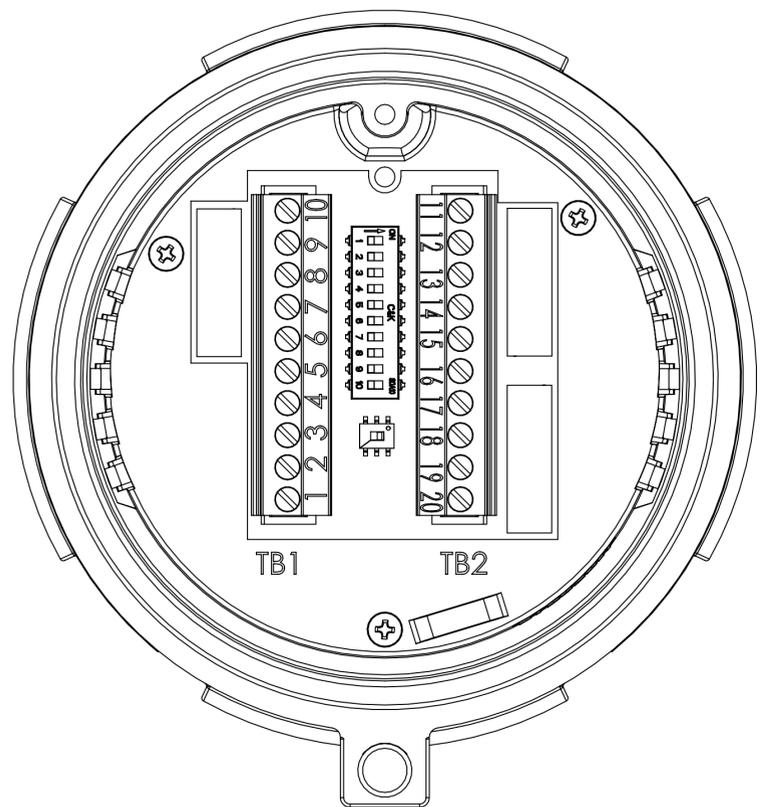
TAG NO. _____

TOTAL NO. OF UNITS _____

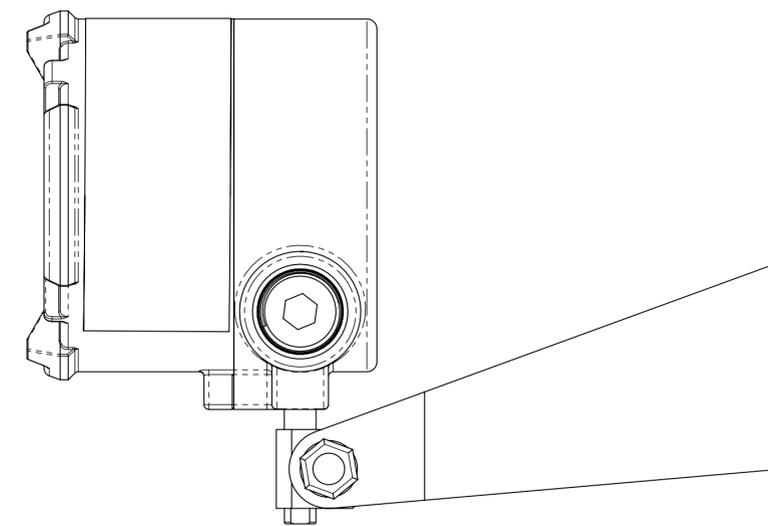
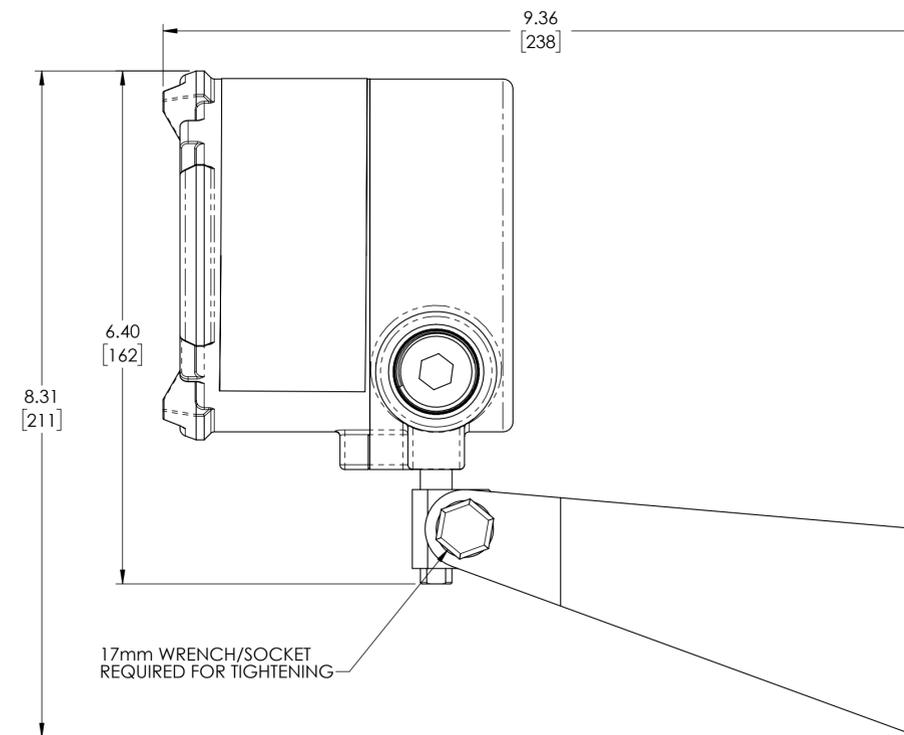
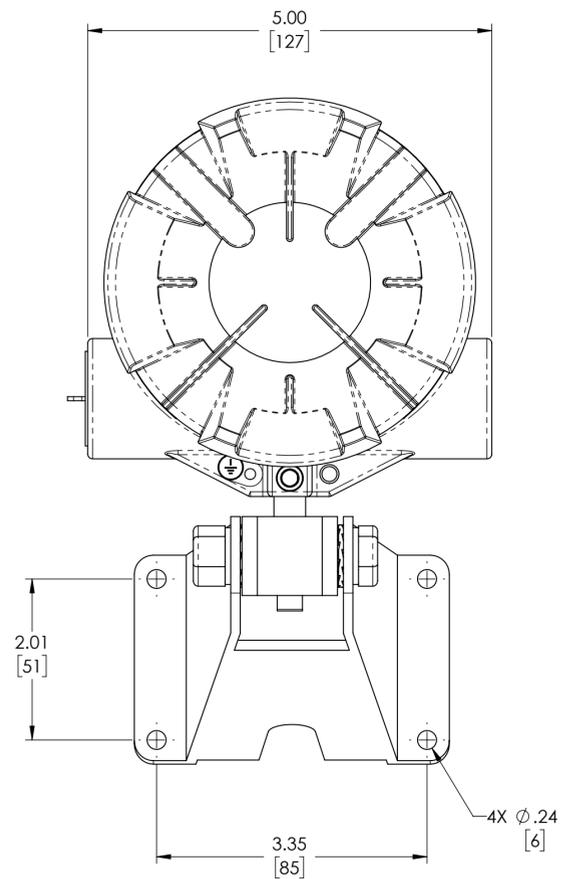
CRANBERRY TOWNSHIP, PA, USA GALWAY, IRELAND		
TITLE: INSTALLATION OUTLINE DRAWING, FL500		
DRAWING NO.:	LIFECYCLE STATE:	REV:
712906	Production	3
SCALE: NTS	MODEL: FL500	SHEET 1 OF 2

NEXT ASSY	USED ON

WIRING			
POSITION	TB1	POSITION	TB2
10	FAULT 2	11	ALARM RESET
9	FAULT C	12	NOT USED
8	FAULT 1	13	NOT USED
7	DATA-	14	ALARM TEST
6	DATA+	15	ALARM HIGH 2
5	NOT USED	16	ALARM HIGH 1
4	0-20 mA	17	ALARM HIGH C
3	+24VDC	18	ALARM LOW C
2	COM (24V-RETURN)	19	ALARM LOW 1
1	CHASSIS	20	ALARM LOW 2



MAXIMUM WIRE LENGTH TO INSTRUMENT FOR A +24 VDC SUPPLY (MAXIMUM 20 OHM LOOP)			
AWG	mm ²	Feet	Meters
14	2.08	6588	2013
16	1.31	4146	1266
18	0.823	2608	796
20	0.519	1642	501
22	0.33	1055	321



GM General Monitors by MSA LAKE FOREST, CA, USA GALWAY, IRELAND

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DRAWING NO.: 712906	LIFECYCLE STATE: Production	REV: 3
SCALE: NTS	MODEL: FL500	SHEET 2 OF 2