

ELECTRICAL OPTIONS/ SPECIFICATIONS

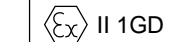
OUTPUT	SUPPLY	
0.5 TO 4.5V RATIOMETRIC	5V	
CABLE ON MATING CONNECTOR		
4-CORE SCREENED; CORES: 0.5mm <sup>2</sup> , O/D: 7.5mm MAX.,		
JACKET: EPDM. CONDUCTOR INSULATION: EPDM		
PIN No	COLOUR	CONNECTIONS;
1	WHITE	OUTPUT
2	BLACK	0V
3	GREEN	CASE
4	RED	+Ve
	SCREEN	NOT CONNECTED TO SENSOR

RANGE OF DISPLACEMENT FROM 15° TO 160°, IN INCREMENTS OF 1°.

BODY MATERIAL:- STAINLESS STEEL 316.

NOTE:- READ INSTALLATION SHEET E623-19 FOR FULL INSTRUCTIONS FOR USE.

ATEX / IECEx APPROVED TO



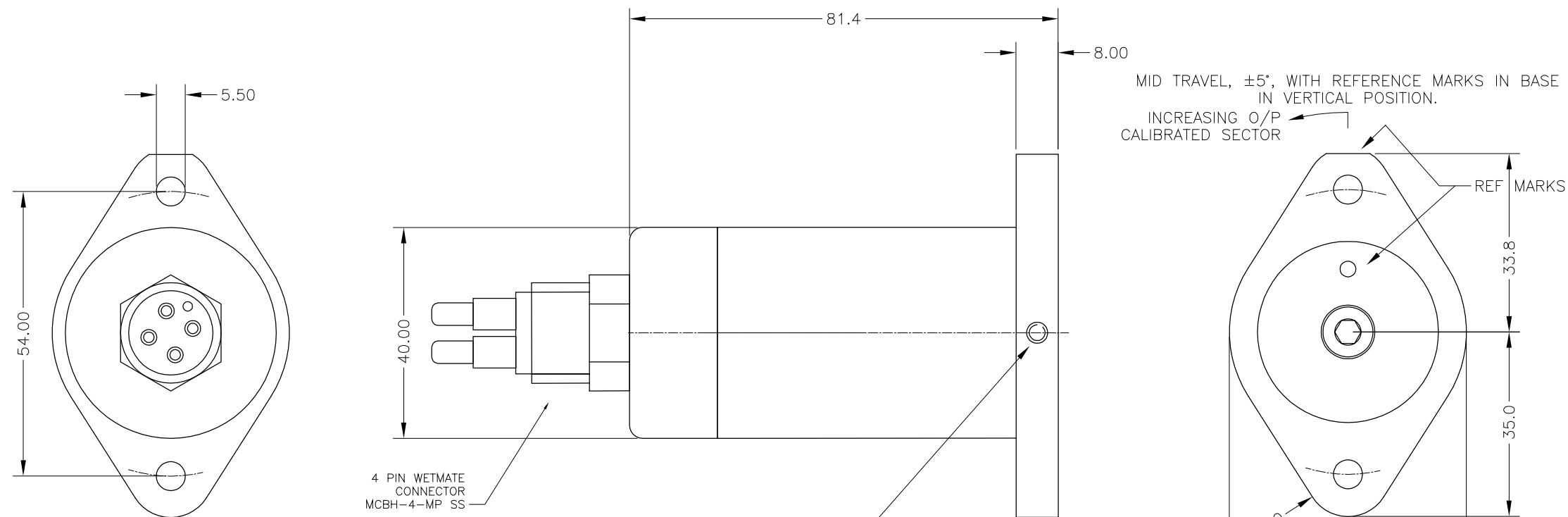
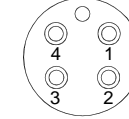
Ex ia IIC T4 Ga (Ta= -40° to +80°C)  
 Ex ia IIIC T135°C Da (Ta= -40° to +80°C)  
 Ui 11.4V, li 0.2A, Pi 0.51W

APPROVED FOR USE IN CONJUNCTION WITH A GALVANICALLY ISOLATED BARRIER.

NOTE: ATEX APPROVAL ONLY APPLIES AT NORMAL ATMOSPHERIC PRESSURE!

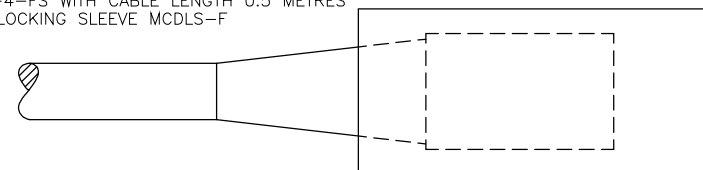
Connector Pin Layout:

MICRO MINI WETMATE  
 MCBH-4-MP (FACE VIEW)



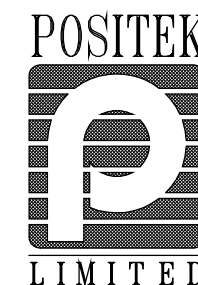
NOTE: ZERO MAY BE ADJUSTED BY LOOSENING TWO M4 GRUB SCREWS AND ROTATING BODY

MATING 4 PIN WETMATE SOCKET SUPPLIED  
 MCIL-4-FS WITH CABLE LENGTH 0.5 METRES  
 AND LOCKING SLEEVE MCDLS-F



A	FIRST ISSUE	RDS

DRAWINGS NOT TO BE CHANGED WITHOUT REFERENCE TO THE CHANGE PROCEDURE.  
 CHANGES TO PARTS USED IN INTRINSICALLY SAFE PRODUCT MUST BE APPROVED  
 BY THE AUTHORISED PERSON  
 THIS IS AN UNCONTROLLED PRINT AND WILL NOT BE UPDATED.



A	15/9/15	CHECKED BY	X ±0.4
		RDS	X.X ±0.2
			X.XX ±0.1
			DIMS mm
DESCRIPTION			
IS RATED FOR GAS/DUST			
350 BAR SUBSEA			
LARGE ANGLE TILT SENSOR			
SCALE		DRAWING NUMBER	
10mm		E623-11	
		REV	A
		SHEET 1 OF 1	