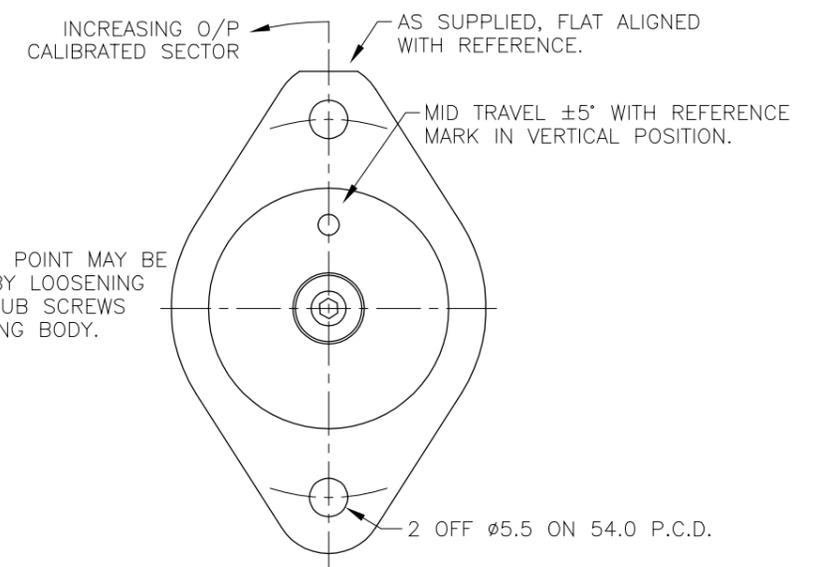
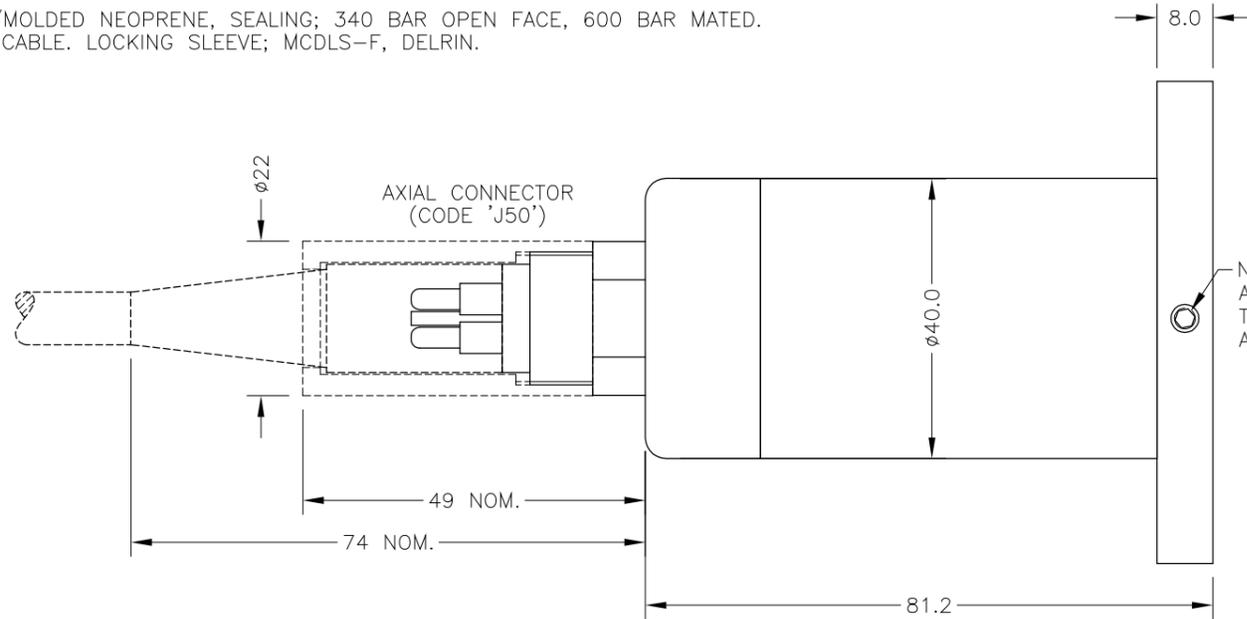
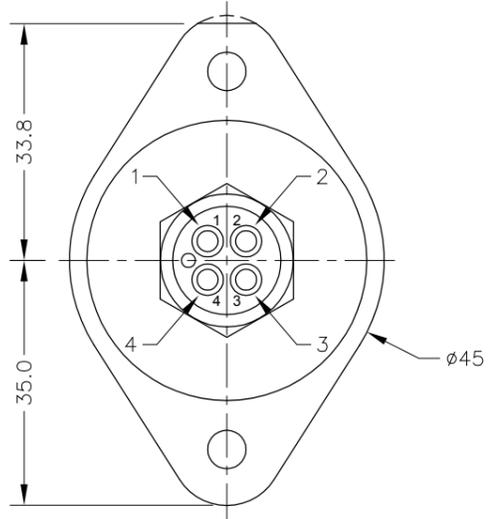
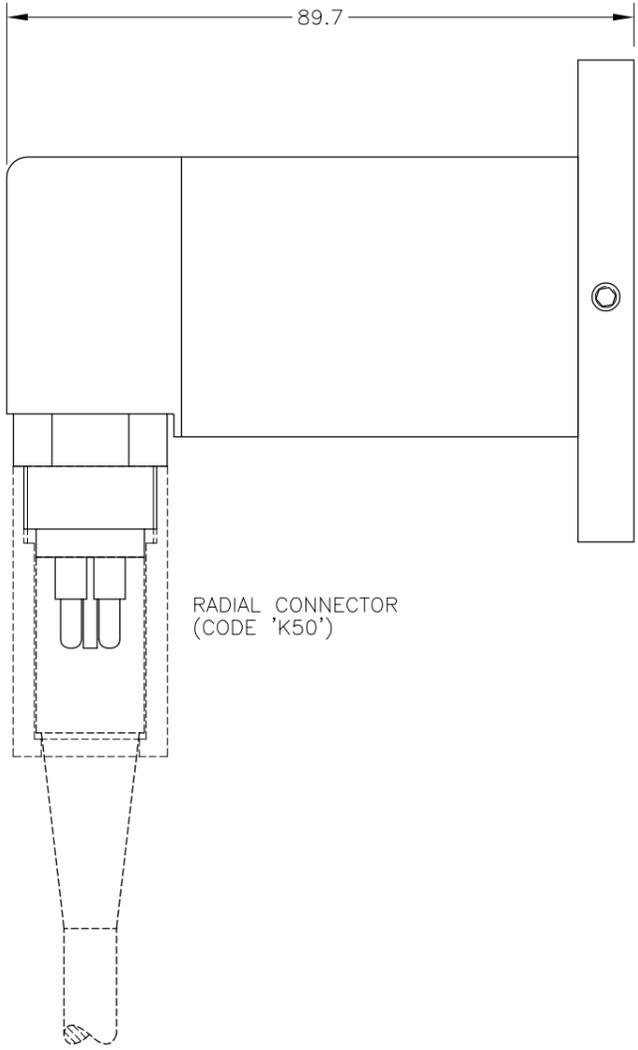
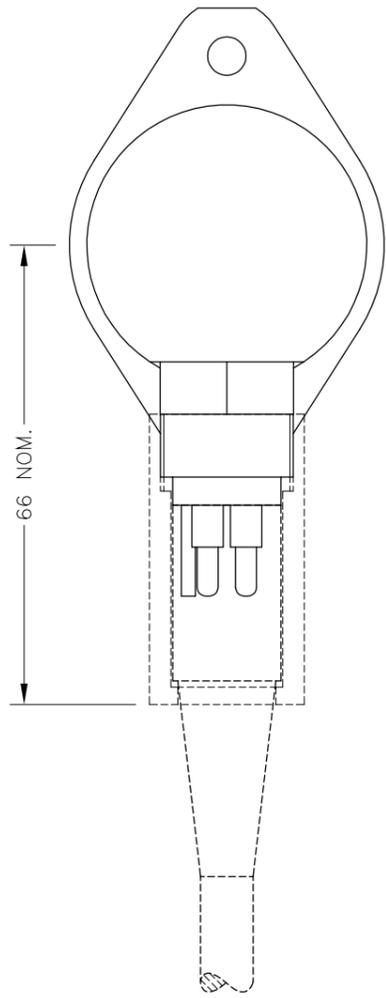


CONNECTORS; MICRO MINI WETMATE, 4-POLE.  
 BULKHEAD; MCBH-4-MP-SS, STAINLESS STEEL/MOLDED NEOPRENE, SEALING; 340 BAR OPEN FACE, 600 BAR MATED.  
 IN-LINE; MCIL-4-FS, MOLDED NEOPRENE WITH CABLE. LOCKING SLEEVE; MCDLS-F, DELRIN.



NOTE; ZERO POINT MAY BE ADJUSTED BY LOOSENING TWO M4 GRUB SCREWS AND ROTATING BODY.



ELECTRICAL OPTIONS/ SPECIFICATIONS		
OUTPUT OPTION	OUTPUT	SUPPLY
A	0.5 TO 4.5V RATIO METRIC	5V
B	±5V	±15V
C	0.5 TO 9.5V	24V
D	±10V	±15V
G	0.5 TO 4.5V	24V
	SUPPLY CURRENT 12mA TYP. 20mA MAX.	
E	4 TO 20mA 2-WIRE	24V
F	4 TO 20mA 3-WIRE SINK	24V
H	4 TO 20mA 3-WIRE SOURCE	24V

SINK VERSION OUTPUT COMPLIANCE 5-28V  
 SOURCE VERSION DRIVE 300Ω MAX TO 0V  
 MATING CONNECTOR (CODE 'J50' OR 'K50') SUPPLIED WITH 50cm MOULDED CABLE AS STANDARD.  
 4-CORE SCREENED: 0.5mm<sup>2</sup>, Ø7.5mm MAX. JACKET AND CORE INSULATION: EPDM.

CONNECTIONS:-

1	BLACK	OUTPUT
2	WHITE	0V
3	RED	BODY (OPTIONS: A, C, E-H) -Ve (OPTIONS: B OR D)
4	GREEN	+Ve

SCREEN NOT CONNECTED TO SENSOR  
 RANGE OF DISPLACEMENT FROM 15° TO 160°, IN INCREMENTS OF 1°.  
 BODY MATERIAL: STAINLESS STEEL 316.

A	FIRST ISSUE.	RDS
B	RADIAL CONN ADDED - RAN1129.	PDM
C	CABLE COLOURS CORRECTED - RAN1190	PDM

MAXIMUM WORKING DEPTH: 3500 METRES 350 BAR. WHERE THE FREE END OF THE CABLE IS TO BE TERMINATED IN A SUBMERGED POSITION, ADEQUATE SEALING MUST BE PROVIDED TO PROTECT CONNECTIONS.

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.

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A	15/09/15	CHECKED BY RDS	X ±0.4
B	12/12/16		X.X ±0.2
C	14/06/17		X.XX ±0.1
DESCRIPTION			DIMS mm
S623 350 BAR SUBMERSIBLE LARGE ANGLE TILT SENSOR			
SCALE	10mm	DRAWING NUMBER	S623-11
		REV	C
			SHEET 1 OF 1