

Α	FIRST ISSUE.	RDS
В	RADIAL CONN ADDED - RAN1129.	PDM
С	CABLE COLOURS CORECTED - RAN1190	PDM
D	RANGE NOTE AMENDED ~ RAN1200	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.

<u>ELECTRICAL</u>	<u>OPTIONS/</u>	<u>SPECIFICATIONS</u>
<u>OUTPUT</u>		SUPPL)

0.5 TO 4.5V RATIOMETRIC 5V SUPPLY CURRENT 12mA TYP. 20mA MAX.

MATING CONNECTOR (CODE 'J50' OR 'K50') SUPPLIED WITH 50cm MOULDED CABLE AS STANDARD. 4—CORE SCREENED: 0.5mm², Ø7.5mm MAX. JACKET AND CORE INSULATION: EPDM.

2 OFF Ø5.5 ON 54.0 P.C.D.

AS SUPPLIED, FLAT ALIGNED

MID TRAVEL ±5° WITH REFERENCE MARK IN VERTICAL POSITION.

WITH REFERENCE.

## CONNECTIONS:-

Φ

**(** 

BLACK OUTPUT WHITE OV 3 RED BODY GREEN +Ve

SCREEN NOT CONNECTED TO SENSOR

RANGE OF DISPLACEMENT FROM 0-15° TO 0-160° e.g. 76°, IN INCREMENTS OF 1°.

BODY MATERIAL: STAINLESS STEEL 316.

NOTE:- READ INSTALLATION SHEET X623-19 FOR FULL INSTRUCTIONS FOR USE.

ATEX / IECEX APPROVED TO

**⟨Ex**⟩ II 1G

Ex ia IIC T4 Ga ( $Ta = -40^{\circ}$  to  $+80^{\circ}$ C) Ui 11.4V, Ii 0.2A, Pi 0.51W

APPROVED FOR USE IN CONJUNCTION WITH A GALVANICALLY ISOLATED BARRIER.

NOTE: APPROVAL ONLY APPLIES AT NORMAL ATMOSPHERIC PRESSURE!



Α	15/09/15		CHECKED BY			
В	12/12/16	<del>((()) [[- </del>	RDS	X.X ±0.2 X.XX ±0.1		
С	14/06/17	\ \ \ \ \ \		DIMS mm		
D	13/09/17	DESCRIPTION				
		INTRINSICALLY SAFE 350 BAR				
		SUBMERSIBLE LARGE ANGLE				
		TILT SENSOR				
SCALE 10mm		DRAWING >	(623-11	REV D		

SHEET 1 OF 1