N.b. CONNECTOR ORIENTATION NOT GUARANTIED.

ELECTRICAL OPTIONS/ SPECIFICATIONS

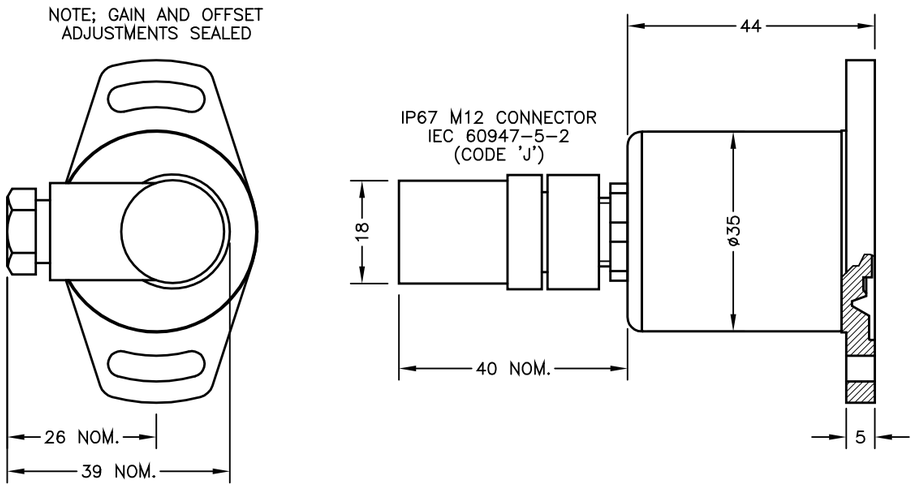
OUTPUT	SUPPLY
0.5 TO 4.5V RATIOMETRIC	5V

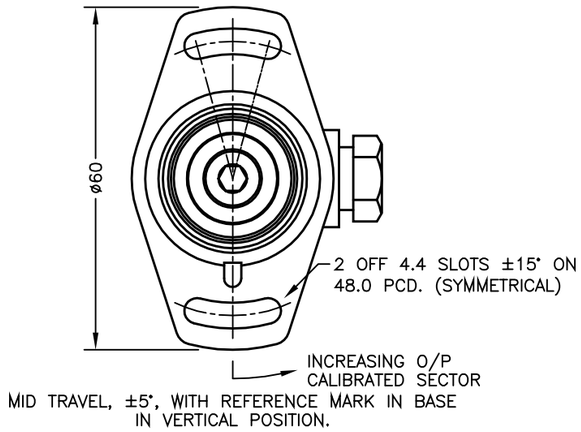
SUPPLY CURRENT 12mA TYP. 20mA MAX.

CONNECTOR (MAXIMUM CONDUCTOR CROSS SECTION 0.75mm²)
- :1 +Ve
- :2 OUTPUT
- :3 0V
- :4 BODY

RANGE OF DISPLACEMENT FROM 20° TO 160°, IN INCREMENTS OF 1°.

BODY MATERIAL:– STAINLESS STEEL.
FLANGE BASE MATERIAL:– STAINLESS STEEL.





NOTE:– READ INSTALLATION SHEET X603–19 FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO
Ex II 1G
EEx ia IIC T4 (Ta= –40° to +80°C)
Ui 11.4V, Ii 0.2A, Pi 0.51W
APPROVED FOR USE IN CONJUNCTION WITH A GALVANICALLY ISOLATED BARRIER.

A	FIRST ISSUE	RDS
B	Ii=0.46 WAS 0.58	RDS
C	NOTES EXPANDED.	PDM
D	FLANGE TH'KNESS ADDED.	PDM
E	Ii 0.2A WAS 0.46A - RAN266	PDM
F	ADDITIONAL DIMS/VIEWS ADDED.	PDM

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.

POSITEK LIMITED

A	27/10/03		CHECKED BY	X ±0.4
B	20/02/04		RDS	X.X ±0.2
C	19/10/06			X.XX ±0.1
D	05/01/10			DIMS mm
E	21/04/10	DESCRIPTION	X603 INTRINSICALLY SAFE LARGE ANGLE TILT SENSOR	
F	06/07/11			
		SCALE 10mm	DRAWING NUMBER X603-11	REV F
				SHEET 1 OF 1