N.b. CONNECTOR ORIENTATION NOT GUARANTIED.

ELECTRICAL OPTIONS/ SPECIFICATIONS

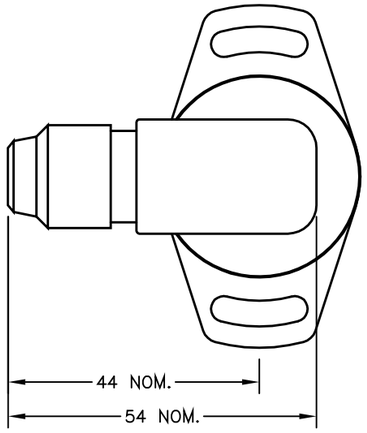
OUTPUT	SUPPLY
0.5 TO 4.5V RATIOMETRIC	5V

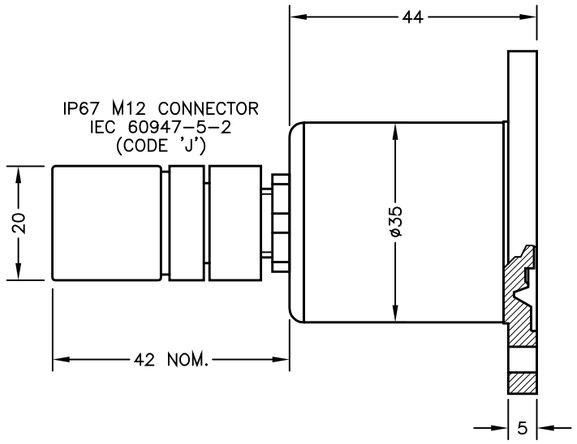
SUPPLY CURRENT 12mA TYP. 20mA MAX.

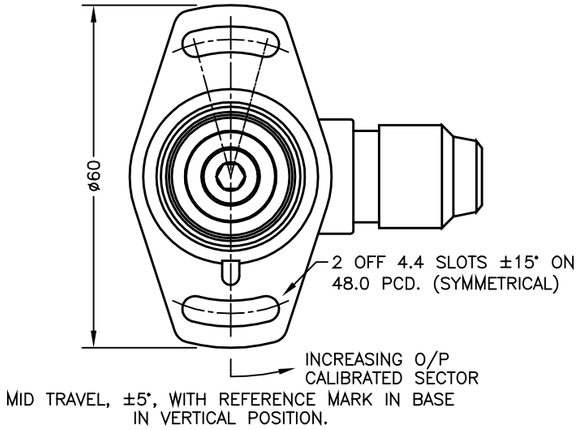
CONNECTOR (MAXIMUM CONDUCTOR CROSS SECTION 0.75mm²)
:1 +Ve
:2 OUTPUT
:3 0V
:4 BODY

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

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







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

NOTE:– READ INSTALLATION SHEET M603–19
FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO
Ⓔx I/II M1/1GD
EEx ia I/IIC T4 (Ta= –40° to +80°C)
Ex iaD 20 T135°C (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	PDM
B	FLANGE TH'KNESS ADDED.	PDM
C	Ii 0.2A WAS 0.46A - RAN266	PDM
D	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	30/11/06		CHECKED BY	X ±0.4
B	05/01/10		RDS	X.X ±0.2
C	21/04/10			X.XX ±0.1
D	06/07/11			DIMS mm
		DESCRIPTION		
		M603 INTRINSICALLY SAFE		
		LARGE ANGLE TILT SENSOR		
SCALE 10mm		DRAWING NUMBER	M603-11	REV D
				SHEET 1 OF 1