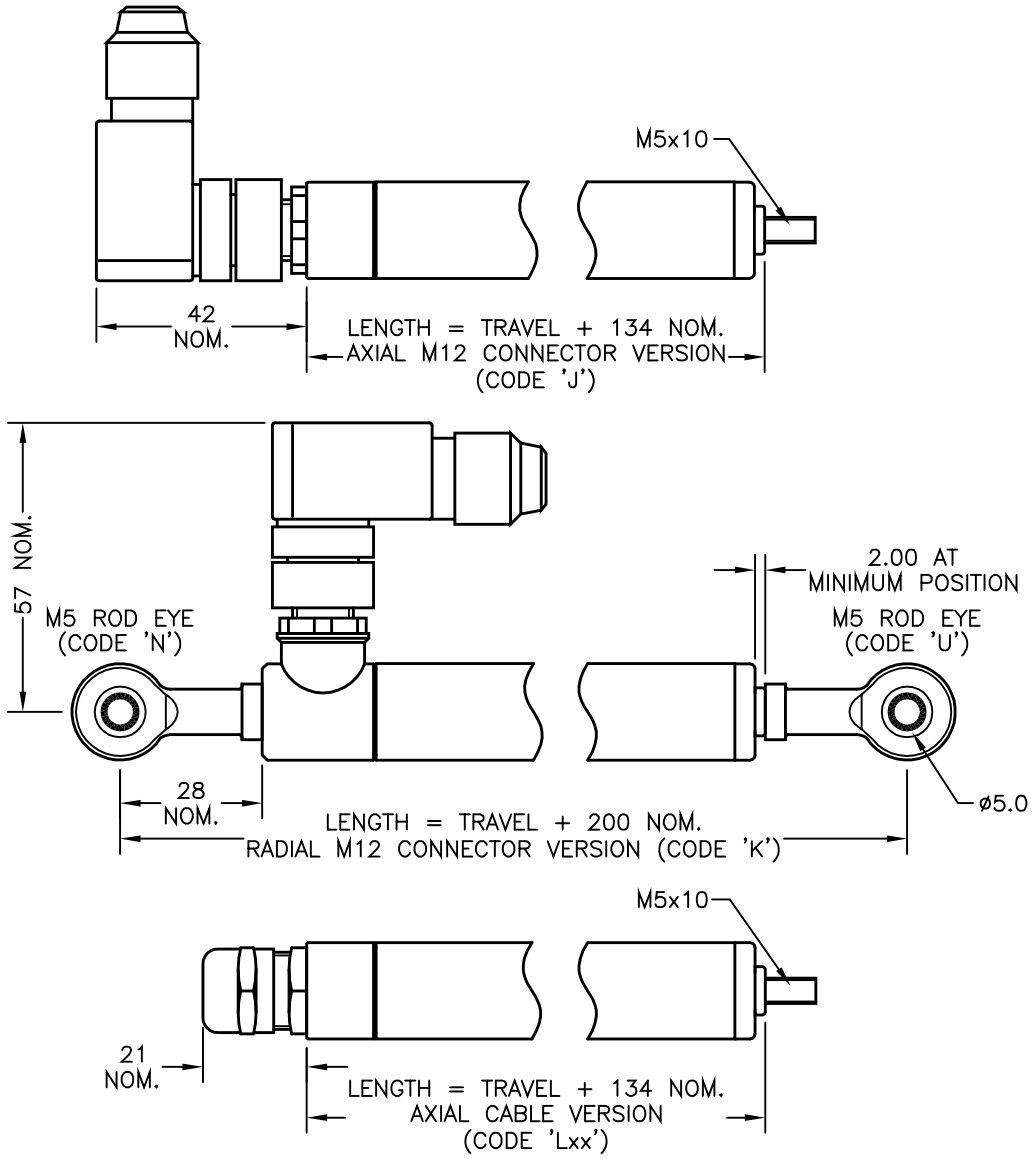

ELECTRICAL SPECIFICATIONS

OUTPUT	SUPPLY
0.5 TO 4.5V RATIOMETRIC	5V

SUPPLY CURRENT 12mA TYP. 20mA MAX.

CABLE LENGTH ORDERED IN cm.
3–CORE SCREENED: 0.2mm², ø4mm PUR JACKET

CABLE/CONNECTOR CONNECTIONS;

3 CORE	CONNECTOR	
RED	1	+Ve
BLACK	3	0V
WHITE	2	OUTPUT
SCREEN	4	BODY

BODY MATERIAL:– STAINLESS STEEL

PUSH–ROD FREE (CODE 'V')

NOTE:– READ INSTALLATION SHEET E113–19
FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO
Ⓔx II 1GD
EEx ia IIC T4 (Ta= –40° to +80°C)
Ex iaD 20 T135°C (Ta= –40° to +80°C)
Ui 11.4V, Ii 0.46A, Pi 0.51W

APPROVED FOR USE WITH A
GALVANICALLY ISOLATED BARRIER.

A	FIRST ISSUE	PDM
B	CODE V & OVERTRAVEL NOTES ADDED	PDM

THE PUSH–ROD RETRACTS A FURTHER 2mm NOM. FROM START OF CALIBRATED TRAVEL, AND EXTENDS A FURTHER 2mm NOM. FROM END OF CALIBRATED TRAVEL.

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 RDS	X ±0.4 X.X ±0.2 X.XX ±0.1 DIMS mm
B	21/11/07			
		DESCRIPTION: E113 INTRINSICALLY SAFE SLIM-LINE LINEAR POSITION SENSOR		
SCALE 7.5mm		DRAWING NUMBER E113-11	REV B	SHEET 1 OF 1