

N.b. ROD-EYE ORIENTATION NOT GUARANTIED.

**ELECTRICAL OPTIONS/ SPECIFICATIONS**

**OUTPUT SUPPLY**  
 0.5 TO 4.5V RATIO METRIC 5V  
 SUPPLY CURRENT 12mA TYP. 20mA MAX.

CABLE LENGTH, OPTIONS 'lxx' OR 'Lxx', ORDERED IN cm,  
 50cm STANDARD OR AS REQUIRED, 15000cm MAX.  
 3-CORE SCREENED: 0.2mm<sup>2</sup>, Ø4mm PUR JACKET

CABLE/CONNECTOR CONNECTIONS\*;  
 3 CORE CONNECTOR


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

\*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.75mm<sup>2</sup>  
 RANGE OF DISPLACEMENT FROM 10mm TO 350mm,  
 IN INCREMENTS OF 1mm.

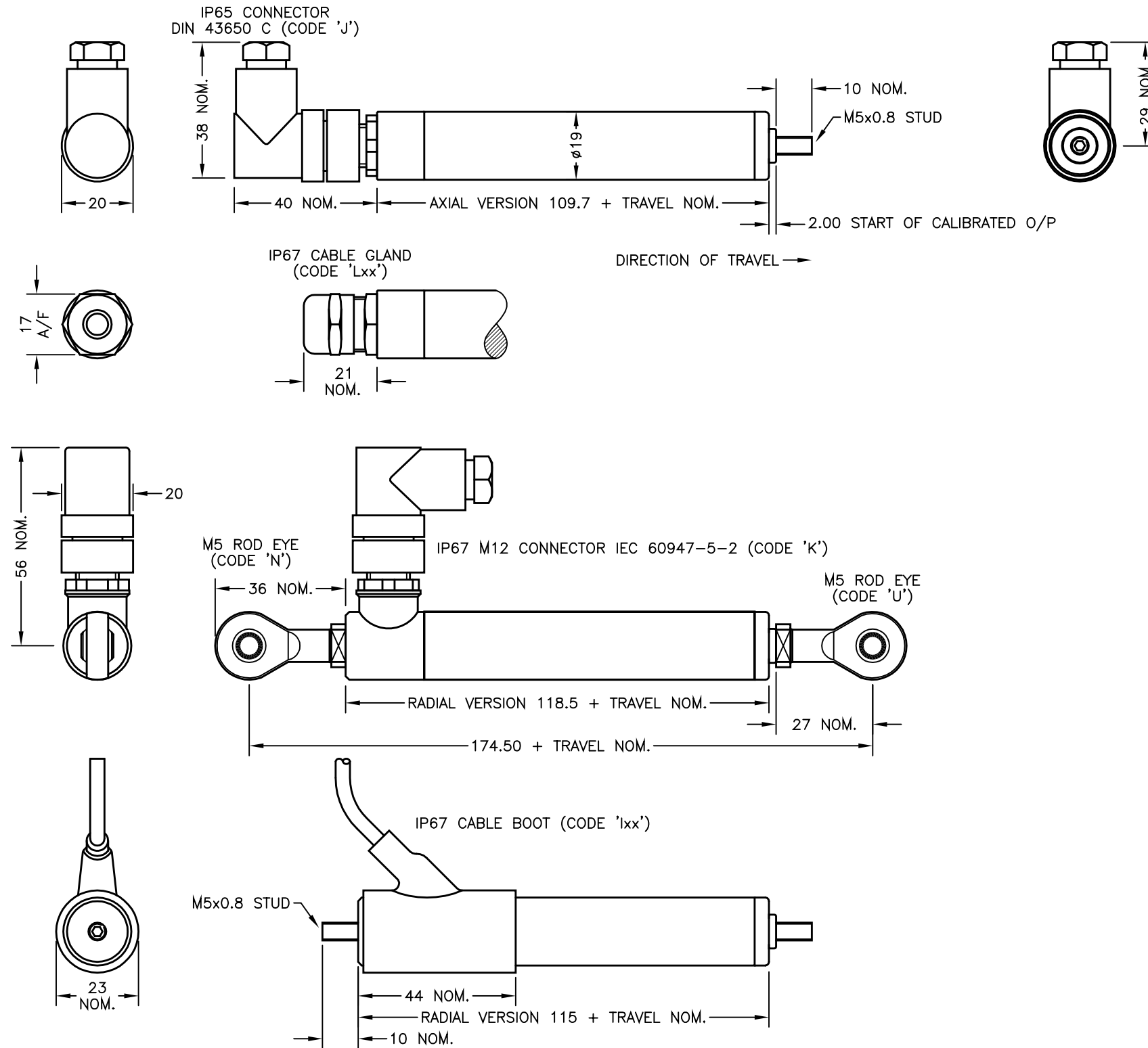
BODY MATERIAL: STAINLESS STEEL.

FURTHER OPTIONS:  
 PUSH-ROD FREE (CODE 'V')

NOTE:- READ INSTALLATION SHEET X117-19  
 FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO  
 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.

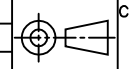


A	FIRST ISSUE	RDS
B	Ii 0.2A WAS 0.46A - RAN266	PDM
C	ADDITIONAL DIMS/VIEWS ADDED.	PDM

THE PUSH-ROD RETRACTS AND EXTENDS 2mm NOM. AT EITHER END OF CALIBRATED TRAVEL.  
 'V' CODED PUSH-ROD WILL DEPART SENSOR BODY.

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.



A	09/12/09		CHECKED BY	X	±0.4
B	21/04/10		RDS	X.X	±0.2
C	06/07/11			X.XX	±0.1
					DIMS mm
DESCRIPTION					
X117 INTRINSICALLY SAFE SLIM-LINE LINEAR POSITION SENSOR					
SCALE		DRAWING NUMBER			
1:3mm		X117-11			
↔		REV		C	
				SHEET 1 OF 1	