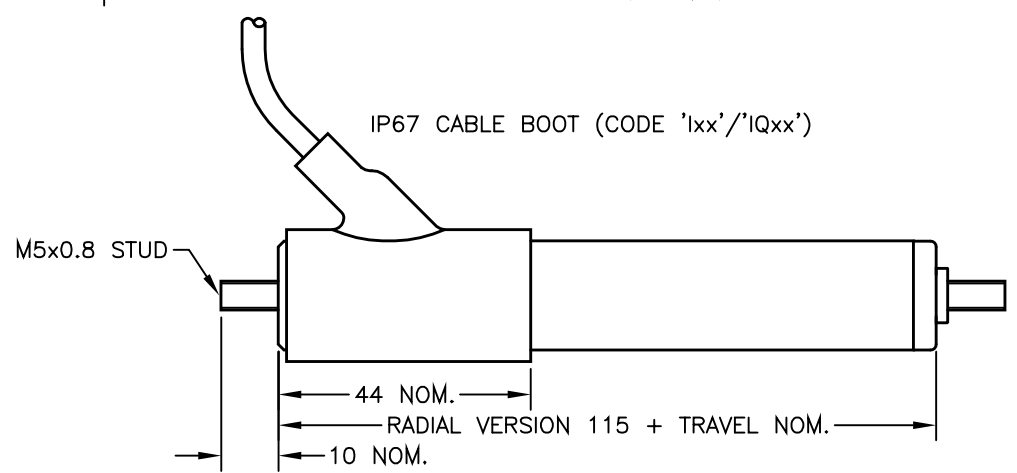
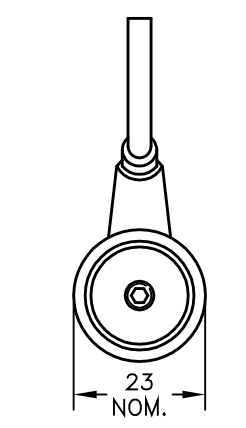
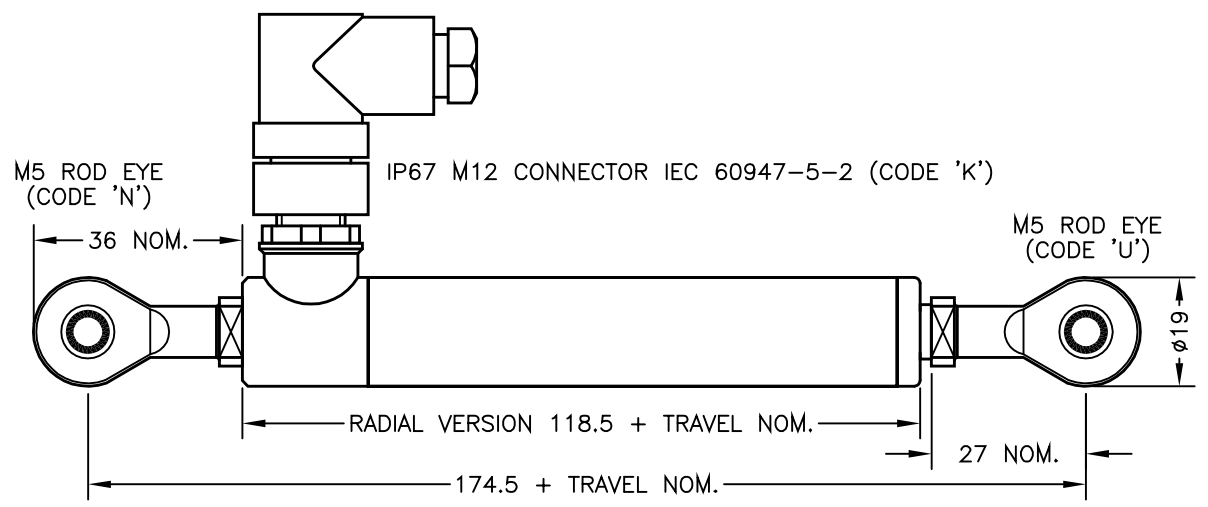
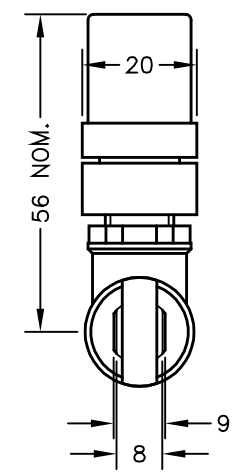
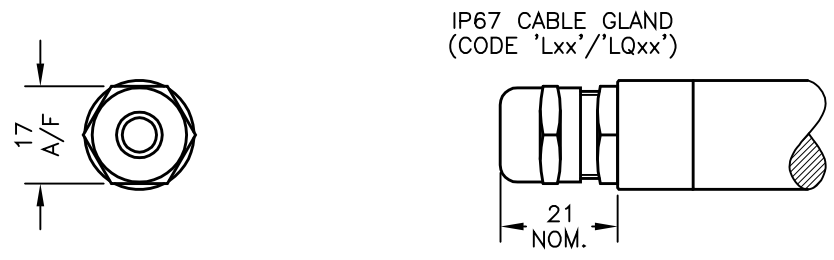
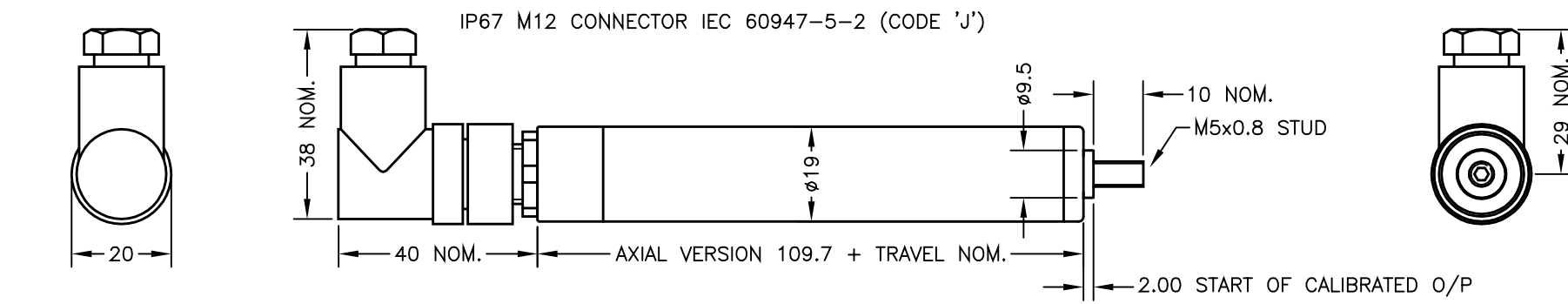


N.b. ROD-EYE ORIENTATION NOT GUARANTEED.



**ELECTRICAL OPTIONS/ SPECIFICATIONS**

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

CABLE: 0.2mm<sup>2</sup>, O/A SCREEN, PUR JACKET – SUPPLIED WITH 50cm OR REQUIRED LENGTH IN cm (15000cm MAX).  
 STANDARD 3-CORE: JACKET 4mm BLACK e.g. 'L50'  
 OPTIONAL 5-CORE: JACKET 4.6mm BLUE e.g. 'LQ50'

CABLE/CONNECTOR\* CONNECTIONS;

3 CORE	5 CORE	CONNECTOR	
RED	RED	:1	+Ve
-	ORG	:1	+SENSE (5-WIRE ONLY)
BLACK	BLACK	:3	0V
-	GRY	:3	-SENSE (5-WIRE ONLY)
WHITE	WHITE	:2	OUTPUT
SCREEN	SCREEN	:4	BODY

\*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.75mm<sup>2</sup>

RANGE OF DISPLACEMENT FROM 5mm TO 350mm, IN INCREMENTS OF 1mm.

BODY MATERIAL: STAINLESS STEEL.

FURTHER OPTIONS:

SINGLE PAIR OF BODY CLAMPS 'P'

TWO PAIRS OF BODY CLAMPS 'P2'

PUSH-ROD FREE (CODE 'V')

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

ATEX / IECEx APPROVED TO	
	II 1G
Ex ia IIC T4 Ga (Ta= -40° to +80°C)	
Ui 11.4V, li 0.2A, Pi 0.51W	

APPROVED FOR USE IN CONJUNCTION WITH A GALVANICALLY ISOLATED BARRIER.

NOTE: APPROVAL ONLY APPLIES AT NORMAL ATMOSPHERIC PRESSURE!

E	APPROVAL STANDARDS UPDATED - RAN465.	PDM
F	BODY CLAMP OPTIONS ADDED - RAN505.	PDM
G	RANGE WAS 10-350mm RAN1056	RDS
H	PUSH-ROD DIA. ADDED - RAN1083	PDM
J	5-CORE OPTION ADDED - RAN1102	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.

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E	11/03/14		CHECKED BY	X	±0.4
F	25/07/14		RDS	X.X	±0.2
G	9/11/15			X.XX	±0.1
					DIMS mm
H	13/04/16	DESCRIPTION			
J	26/04/17	X117 INTRINSICALLY SAFE SLIM-LINE LINEAR POSITION SENSOR			
SCALE		DRAWING NUMBER		X117-11	REV J
12.5mm					
					SHEET 1 OF 1