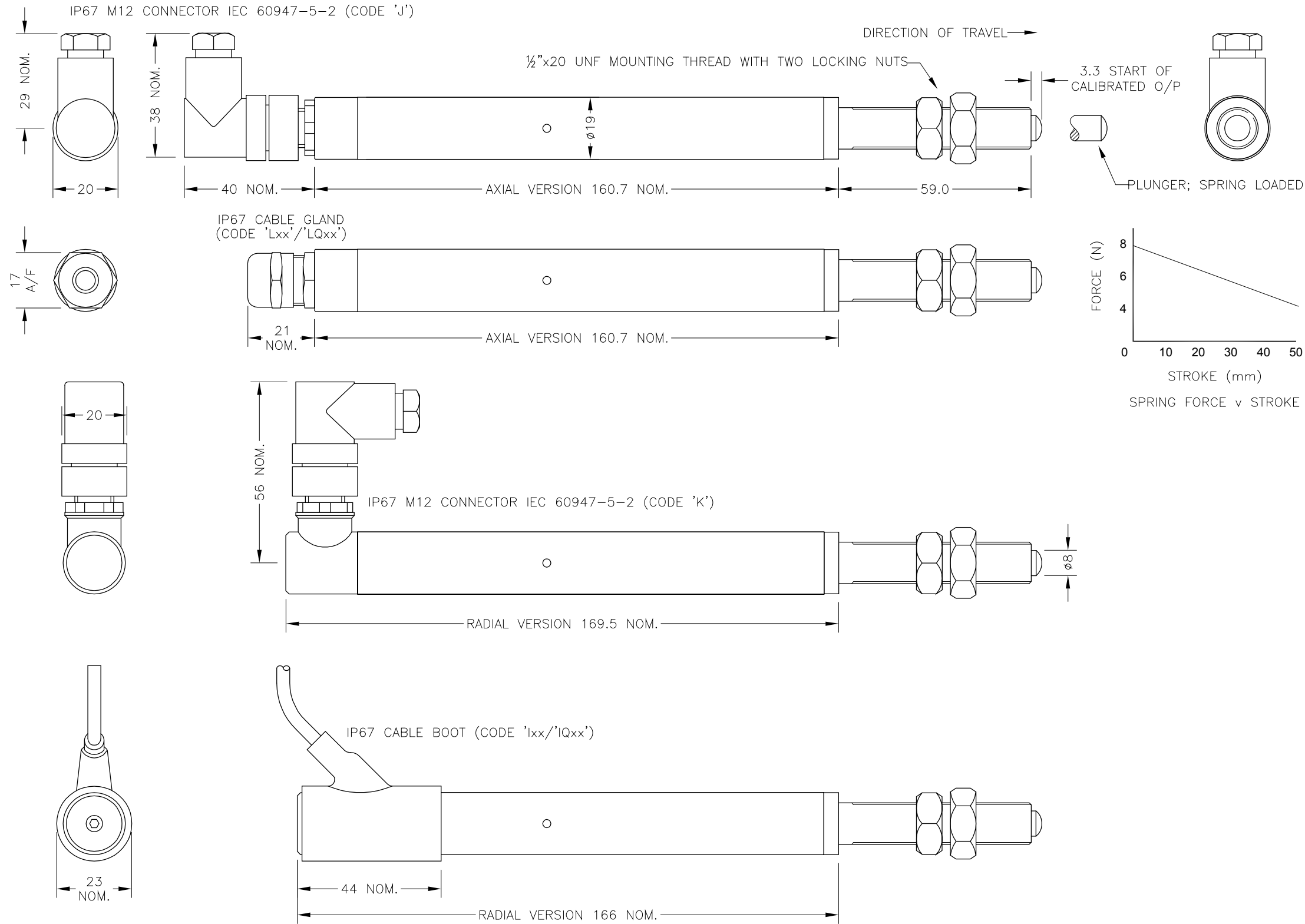


1/2" LOCK NUTS NOT SHOWN ON END VIEWS FOR CLARITY.



**ELECTRICAL OPTIONS/ SPECIFICATIONS**

OUTPUT	SUPPLY		
0.5 TO 4.5V RATIOMETRIC	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 Ø4mm BLACK e.g. 'L50'			
OPTIONAL 5-CORE: JACKET Ø4.6mm 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 0–5mm TO 0–50mm e.g.36, IN INCREMENTS OF 1mm.  
 BODY MATERIAL: STAINLESS STEEL.

NOTE:– READ INSTALLATION SHEET X112–19 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.

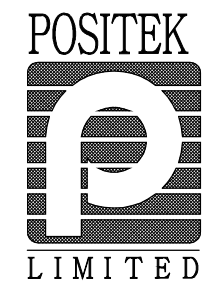
NOTE: APPROVAL ONLY APPLIES AT NORMAL ATMOSPHERIC PRESSURE!

H	OPTION J IP67 CONN.	PDM
I	APPROVAL STANDARDS UPDATED - RAN465.	PDM
J	RANGE WAS 10-50mm RAN1056	RDS
K	5-CORE OPTION ADDED ~ RAN1102	PDM
L	RANGE NOTE AMENDED ~ RAN1200	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.

THE PLUNGER WILL RETRACT FLUSH AND EXTENDS 2mm NOM. AT END OF CALIBRATED TRAVEL.



H	04/05/12		CHECKED BY	X	±0.4
I	10/03/14		RDS	X.X	±0.2
J	9/11/15			X.XX	±0.1
K	12/04/17	DESCRIPTION			
L	05/09/17	X112 INTRINSICALLY SAFE GAUGE HEAD POSITION SENSOR			
SCALE 12.5mm		DRAWING NUMBER		X112-11	REV L
					SHEET 1 OF 1