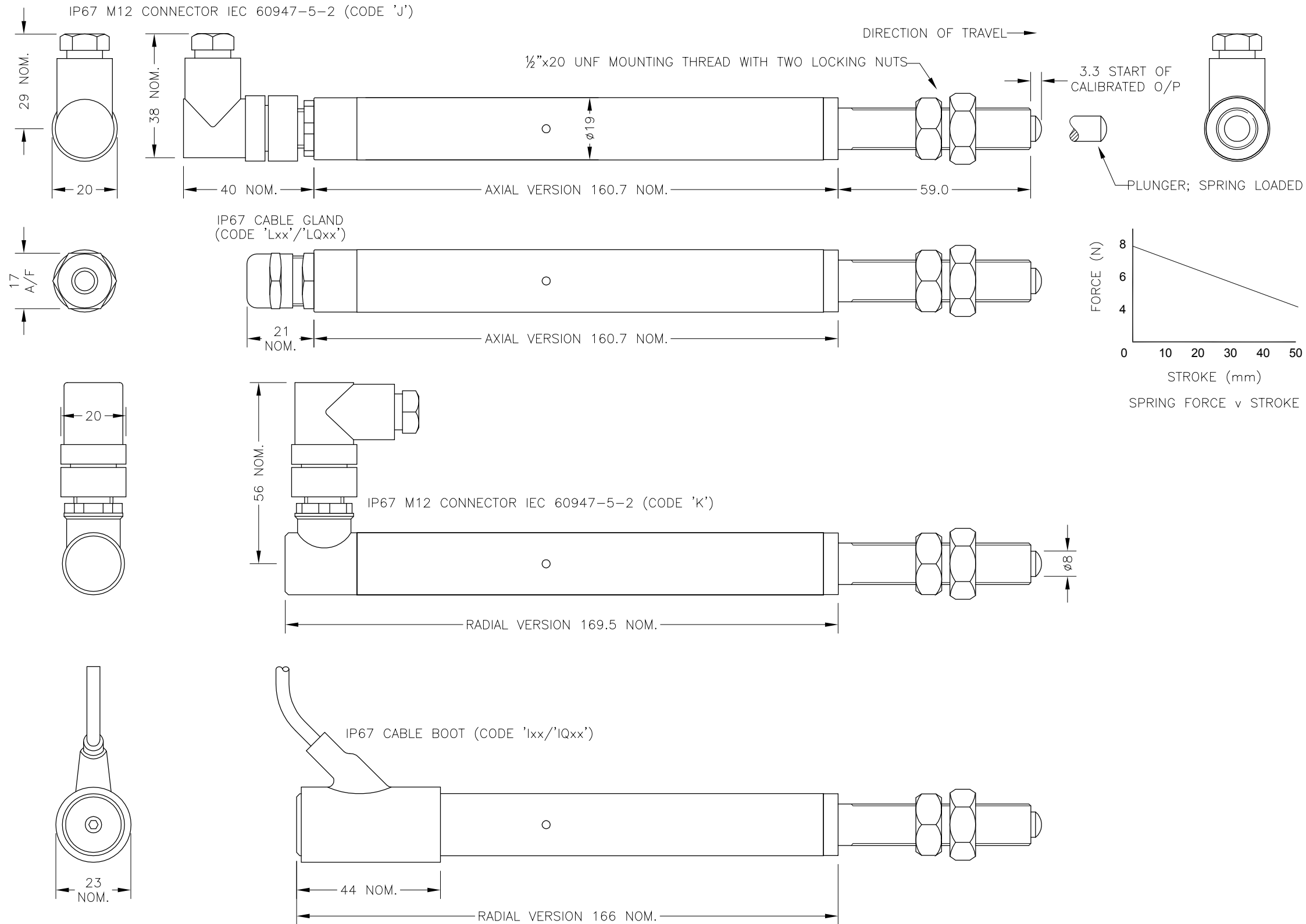


1/2" LOCK NUTS NOT SHOWN ON END VIEWS FOR CLARITY.



ELECTRICAL OPTIONS/ SPECIFICATIONS

OUTPUT SUPPLY

0.5 TO 4.5V RATIOMETRIC 5V
 SUPPLY CURRENT 12mA TYP. 20mA MAX.

CABLE: 0.2mm², 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 0.75mm²

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.

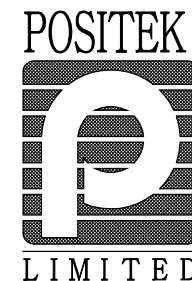
NOTE: APPROVAL ONLY APPLIES AT NORMAL ATMOSPHERIC PRESSURE!

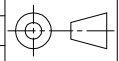
H	OPTION J IP67 CONN.	PDM
I	APPROVAL STANDARDS UPDATED - RAN465.	PDM
J	RANGE WAS 10-50mm RAN1056	RDS
K	5-CORE OPTION ADDED ~ RAN1102	PDM
L	RANGE NOTE AMENDED ~ RAN1200	PDM



THE PLUNGER WILL RETRACT FLUSH AND EXTENDS 2mm NOM. AT 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.



H	04/05/12	 CHECKED BY X ±0.4 RDS X.X ±0.2 X.XX ±0.1 DIMS mm
I	10/03/14	
J	9/11/15	
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		