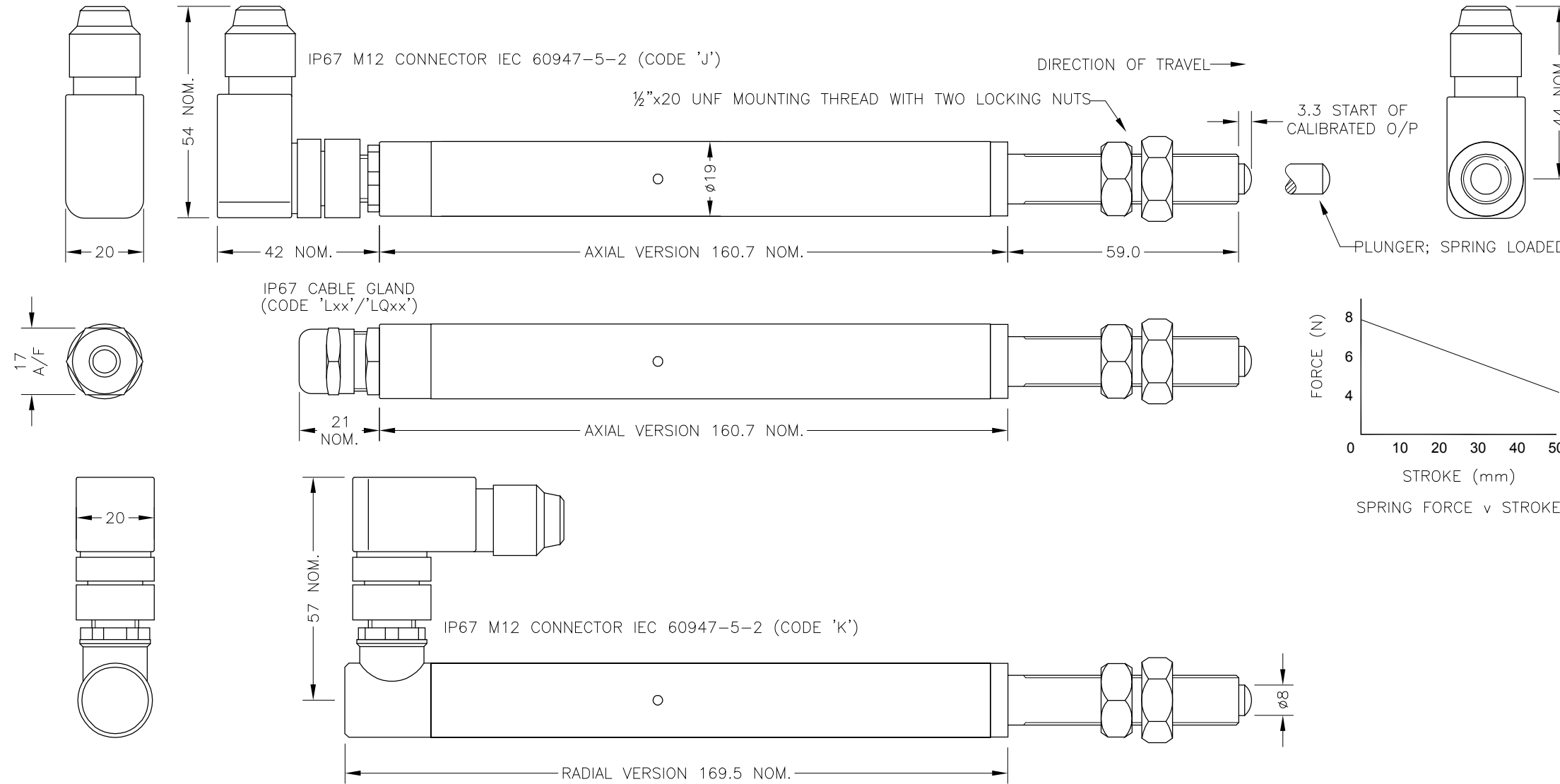


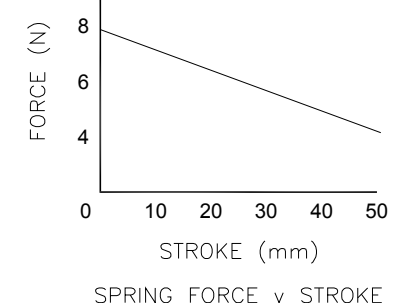
1/2" LOCK NUTS NOT SHOWN ON END VIEWS FOR CLARITY.



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 M112-19 FOR FULL INSTRUCTIONS FOR USE.

ATEX / IECEx APPROVED TO  
 I/II M1/1GD  
 Ex ia IIC T4 Ga (Ta= -40° to +80°C)  
 Ex ia IIIC T135°C Da (Ta= -40° to +80°C)  
 Ex ia I Ma (Ta= -40° to +80°C)  
 Ui 11.4V, li 0.2A, Pi 0.51W

APPROVED FOR USE IN CONJUNCTION WITH A GALVANICALLY ISOLATED BARRIER.

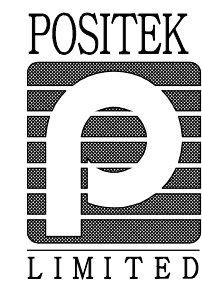
NOTE: APPROVAL ONLY APPLIES AT NORMAL ATMOSPHERIC PRESSURE!

C	NEW ELECTRONICS, RADIAL BODY.	PDM
D	ADDITIONAL DIMS/VIEWS ADDED.	PDM
E	APPROVAL STANDARDS UPDATED - RAN465.	PDM
F	RANGE WAS 10-50mm RAN1056	RDS
G	5-CORE OPTION ADDED ~ RAN1102	PDM
H	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.



C	21/04/10		CHECKED BY	X	±0.4
D	05/07/11		RDS	X.X	±0.2
E	10/03/14			X.XX	±0.1
F	9/11/15	DESCRIPTION			
G	12/04/17	M112 INTRINSICALLY SAFE			
H	05/09/17	GAUGE HEAD POSITION SENSOR			
SCALE		DRAWING NUMBER		M112-11	REV H
12.5mm					
					SHEET 1 OF 1