

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.

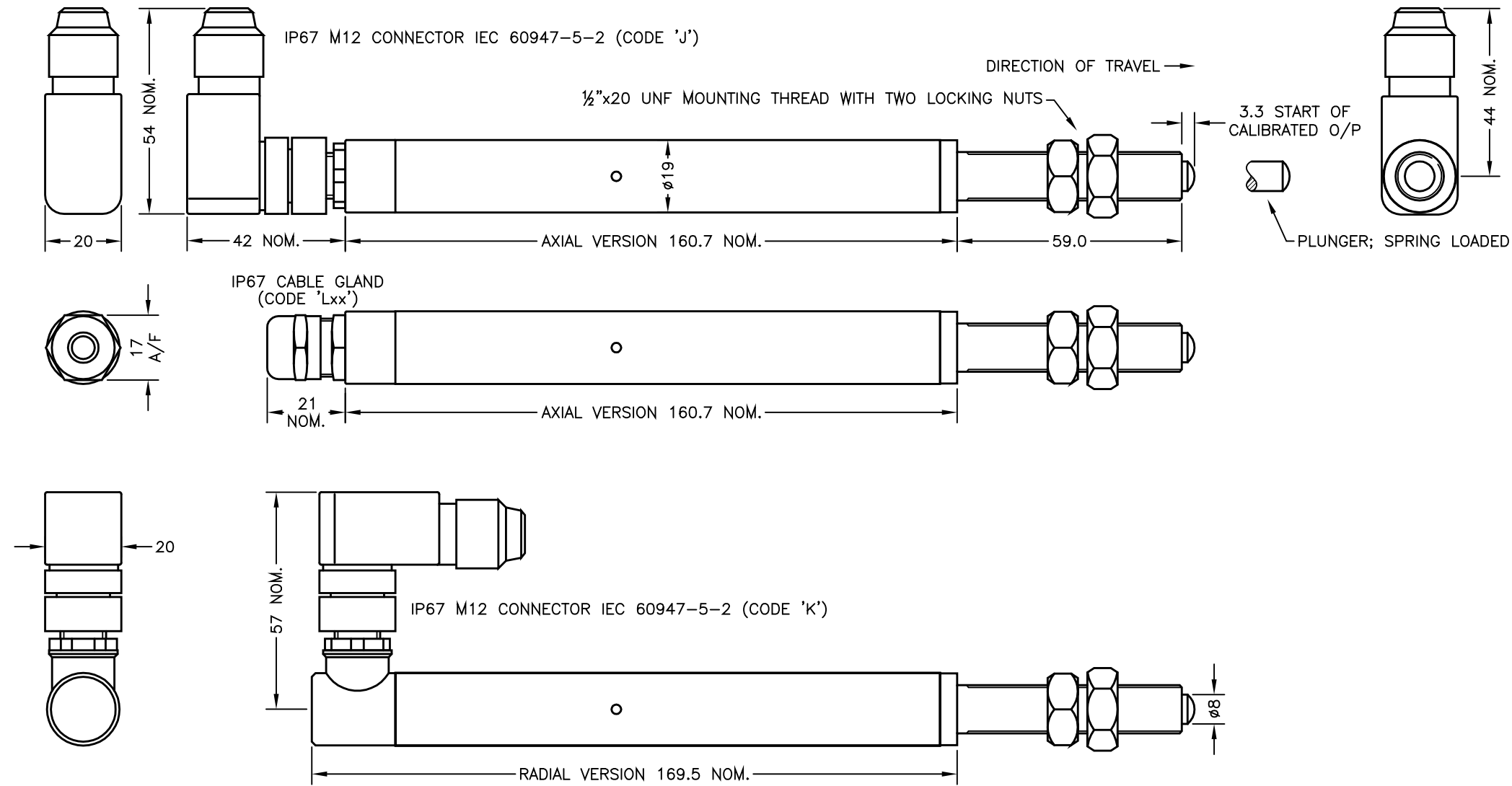
CABLE LENGTH, OPTION 'Lxx', ORDERED IN cm, 50cm
 STANDARD OR AS REQUIRED, 1500cm MAX.
 3-CORE SCREENED: 0.2mm², Ø4mm PUR JACKET

CABLE/CONNECTOR CONNECTIONS*;
 3 CORE CONNECTOR

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

*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.75mm²
 RANGE OF DISPLACEMENT FROM 10mm TO 50mm,
 IN INCREMENTS OF 1mm.

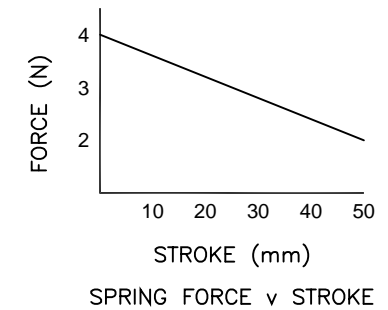
BODY MATERIAL: STAINLESS STEEL.



NOTE:- READ INSTALLATION SHEET M112-19
 FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO
 I/II M1/1GD
 EEx ia I/IC T4 (Ta= -40° to +80°C)
 Ex iaD 20 T135°C (Ta= -40° to +80°C)
 Ui 11.4V, Ii 0.2A, Pi 0.51W

APPROVED FOR USE IN CONJUNCTION
 WITH A GALVANICALLY ISOLATED BARRIER.



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

A	FIRST ISSUE	PDM
B	CONNECTOR OPTION "J" ADDED	RDS
C	NEW ELECTRONICS, RADIAL BODY.	PDM
D	ADDITIONAL DIMS/VIEWS ADDED.	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.



A	29/11/06		CHECKED BY	X	±0.4
B	07/06/07		RDS	X.X	±0.2
C	21/04/10			X.XX	±0.1
D	05/07/11	DESCRIPTION			
		M112 INTRINSICALLY SAFE GAUGE HEAD POSITION SENSOR			
SCALE 1:3mm		DRAWING NUMBER M112-11		REV	D
				SHEET 1 OF 1	