

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

ELECTRICAL OPTIONS/ SPECIFICATIONS

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

CABLE LENGTH, OPTION 'Lxx', ORDERED IN cm, 50cm
 STANDARD OR AS REQUIRED, 15000cm 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

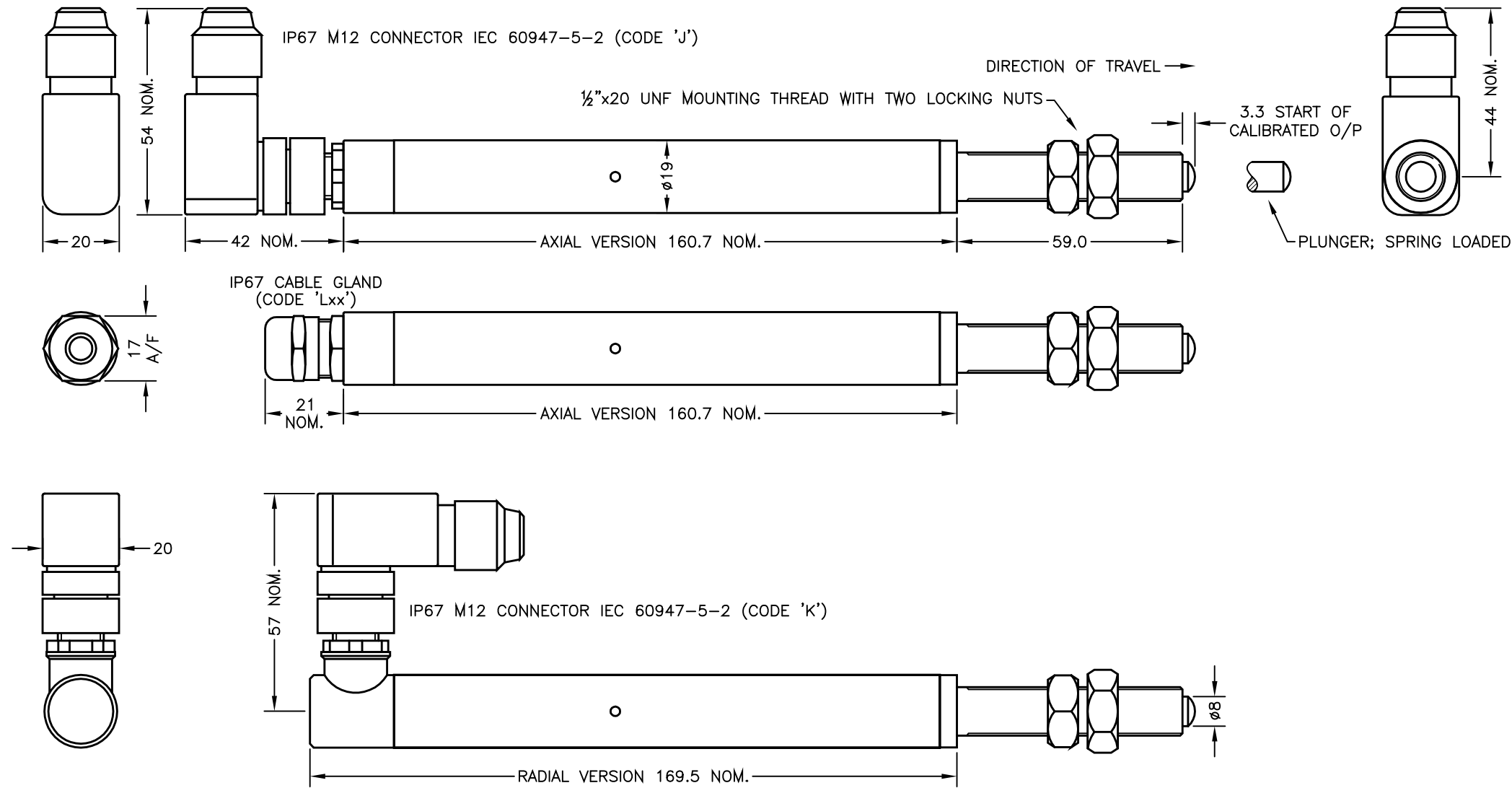
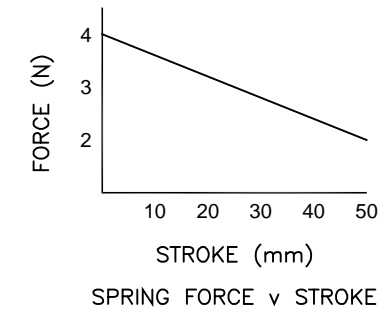
*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.75mm²
 RANGE OF DISPLACEMENT FROM 10mm TO 50mm,
 IN INCREMENTS OF 1mm.

BODY MATERIAL: STAINLESS STEEL.

NOTE:- READ INSTALLATION SHEET E112-19
 FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO
 II 1GD
 EEx ia IIC 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.



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



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			DIMS	mm
DESCRIPTION		E112 INTRINSICALLY SAFE GAUGE HEAD POSITION SENSOR			
SCALE	13mm	DRAWING NUMBER	E112-11	REV	D
			SHEET 1 OF 1		