

AXIAL  
IP67 M12 CONNECTOR  
IEC 61076-2-101  
(CODE 'J')

2 LOCK NUTS

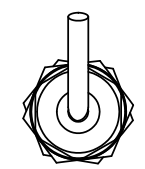
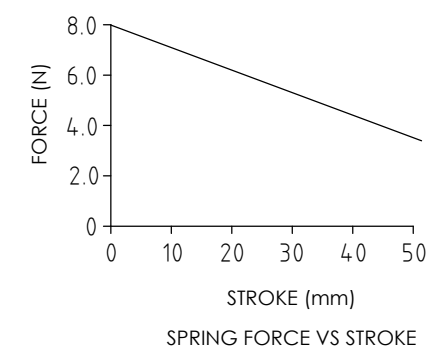
**ELECTRICAL OPTIONS/ SPECIFICATIONS**

OUTPUT	SUPPLY (NOM.)		
'A' 0.5 - 4.5V RATIO METRIC	5V		
SUPPLY CURRENT 12mA TYP. 20mA MAX.			
CONNECTIONS;	CABLE 3-CORE	CABLE 5-CORE	CONNECTOR
+Ve	RED	RED	:1
+ SENSE (5-WIRE ONLY)	-	ORANGE	:1
0V	BLACK	BLACK	:3
- SENSE (5-WIRE ONLY)	-	GREY	:3
OUTPUT	WHITE	WHITE	:2
BODY	SCREEN	SCREEN	:4

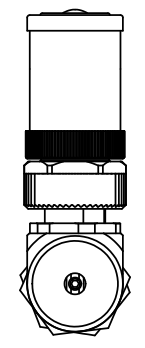
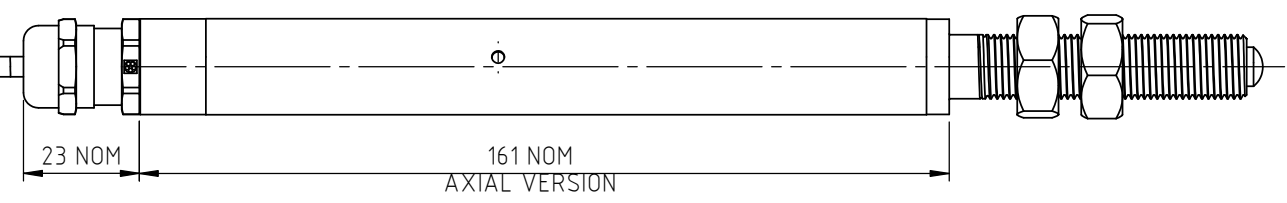
CABLE; 0.2mm<sup>2</sup>, O/A SCREEN, PUR JACKET, SUPPLIED WITH 50cm OR REQUIRED LENGTH IN cm (15000cm MAX).  
STANDARD 3-CORE: BLACK Ø4mm JACKET e.g. L50  
OPTIONAL 5-CORE: BLUE Ø4.6mm JACKET e.g. LQ50  
CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.25mm<sup>2</sup>

RANGE OF DISPLACEMENT FROM 0-2mm TO 0-50mm IN INCREMENTS OF 1mm e.g.36.  
BODY MATERIAL:- STAINLESS STEEL.

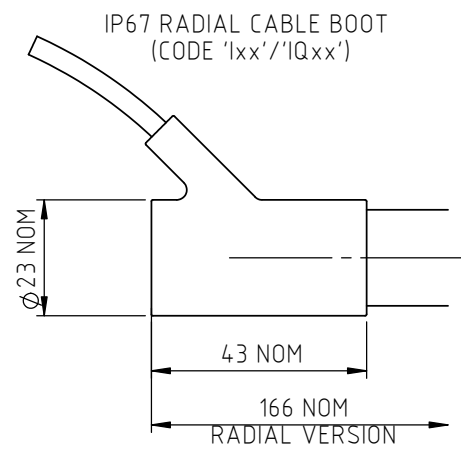
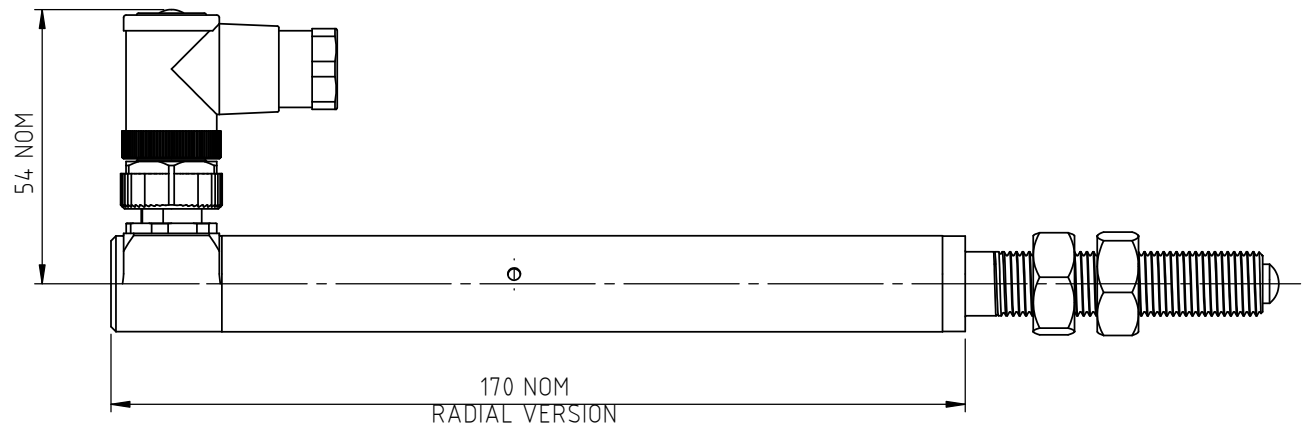
SPRING LOADED PLUNGER WILL RETRACT FLUSH WITH NOSE AND EXTEND A FURTHER 2mm BEYOND THE END OF CALIBRATED TRAVEL



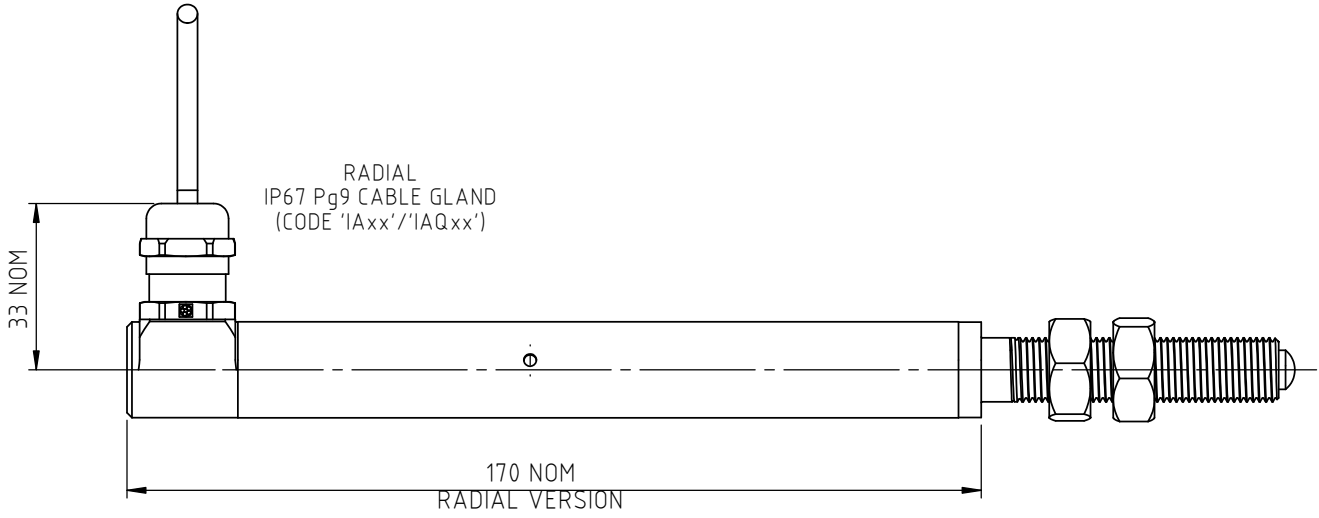
AXIAL  
IP67 Pg9 CABLE GLAND  
(CODE 'Lxx'/'LQxx')



RADIAL  
IP67 M12 CONNECTOR  
IEC 61076-2-101  
(CODE 'K')



IP67 RADIAL CABLE BOOT  
(CODE 'Ixx'/'IQxx')



RADIAL  
IP67 Pg9 CABLE GLAND  
(CODE 'IAxx'/'IAQxx')

NOTE:- READ INSTALLATION SHEET X112-19 FOR FULL INSTRUCTIONS FOR USE.

**ATEX / IECEx / UKEX 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!

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.

REV	CHANGE HISTORY	DR'WN	DATE	CHK'D
M	SINGLE PIECE RADIAL END CAP ADDED RAN1167	ASC	23/09/2021	ASC



APPROVED BY RDM	REV M		X ±0.4 X.X ±0.2 X.XX ±0.1 DIMs mm
DESCRIPTION XT12 INTRINSICALLY SAFE GAUGE HEAD POSITION SENSOR			SCALE 2:3
DRAWING NUMBER X112-11		SHEET 1 OF 1	