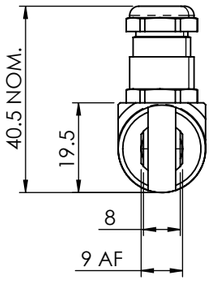
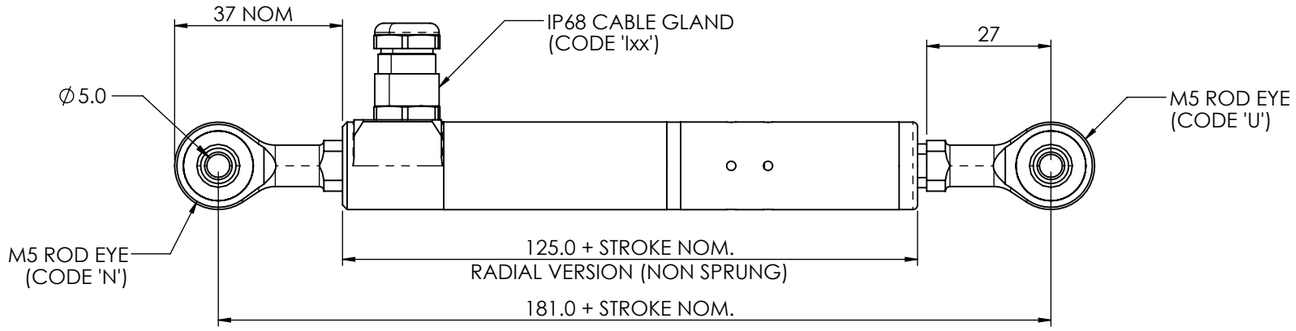
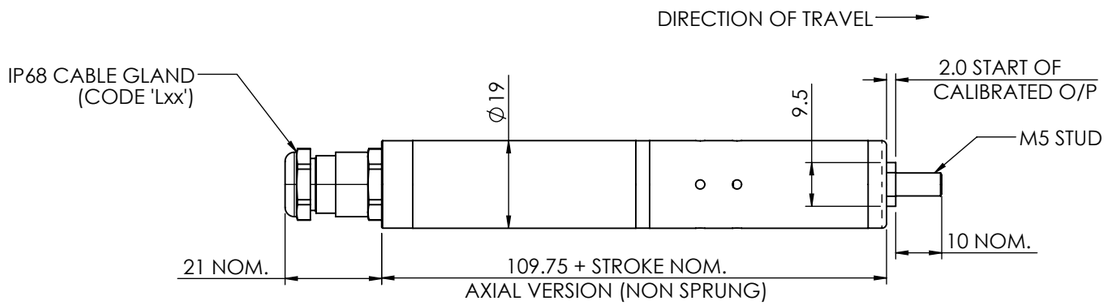
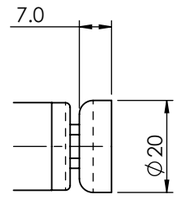








MAGNETIC TIP
(CODE 'WA')

ELECTRICAL OPTIONS/ SPECIFICATIONS

OUTPUT	SUPPLY (NOM.)
'A' 0.5 - 4.5V RATIOMETRIC	5V
'C' 0.5 - 9.5V	24V
'G' 0.5 - 4.5V	24V
SUPPLY CURRENT 12mA TYP. 20mA MAX.	
'H' 4 TO 20mA SOURCE‡	24V
‡ DRIVE 300Ω MAXIMUM TO 0V	

CONNECTIONS;	CABLE 3-CORE
+Ve	RED
0V	BLACK
-Ve	-
OUTPUT	WHITE
BODY	SCREEN

CABLE; 0.2mm², O/A SCREEN, PUR JACKET, SUPPLIED WITH 50cm
OR REQUIRED LENGTH IN cm (15000cm MAX).
STANDARD 3-CORE: BLACK Ø4mm JACKET e.g. L50

RANGE OF DISPLACEMENT FROM 0-2mm TO 0-350mm
IN INCREMENTS OF 1mm e.g.36.
BODY MATERIAL:- STAINLESS STEEL.

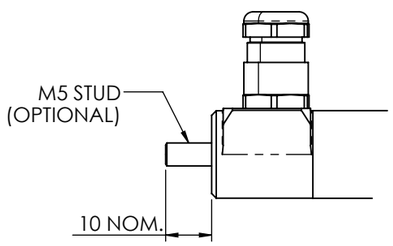
FURTHER OPTIONS:
SINGLE PAIR OF BODY CLAMPS (CODE 'P')
TWO PAIRS OF BODY CLAMPS (CODE 'P2')

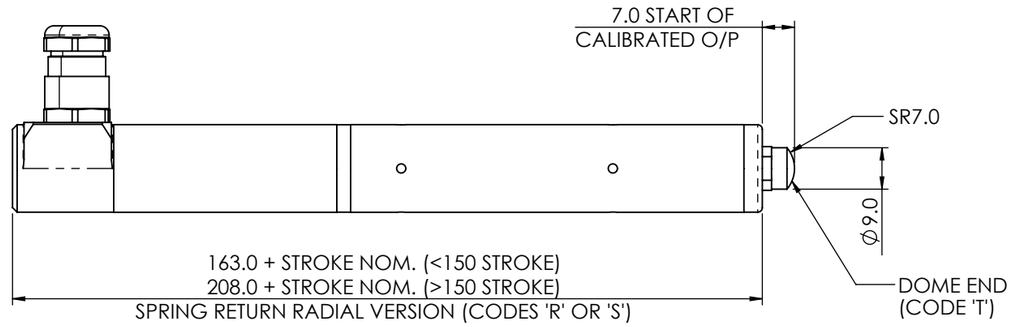
SPRING RETURN PUSH-ROD, TRAVEL ≤ 300mm
RETURN TO EXTENDED POSITION (CODE 'R')
RETURN TO RETRACTED POSITION (CODE 'S')

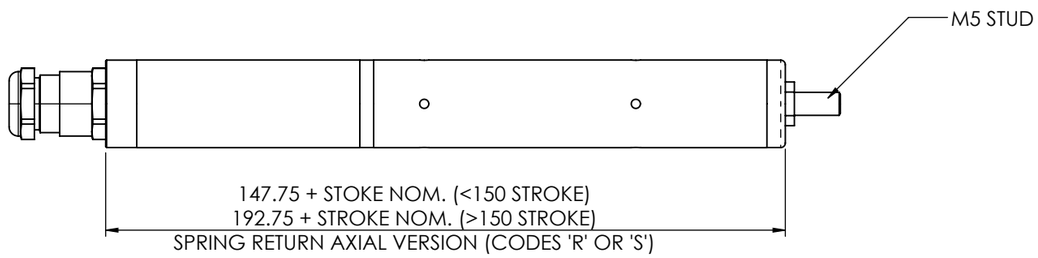
DOME END* (CODE 'T') IN CONJUNCTION WITH SPRUNG PUSH-ROD (CODE 'R')
PUSH-ROD FREE (CODE 'V') N.b. NOT AVAILABLE WITH SPRUNG OPTION.
MAGNETIC TIP (CODE 'WA')

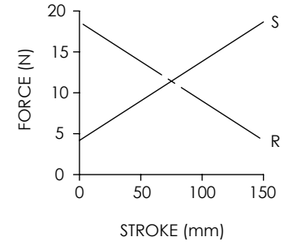
NOTE: ROD-EYE ORIENTATION RELATIVE TO GLAND/CONNECTOR NOT GUARANTEED.
THE PUSH-ROD RETRACTS AND EXTENDS 2mm NOM. AT EITHER END OF
CALIBRATED TRAVEL.
'V' CODED PUSH-ROD WILL DEPART SENSOR BODY

MAXIMUM WORKING DEPTH: 100m/325ft.
WHERE THR FREE END OF THE CABLE IS TO BE TERMINATED IN A SUBMERGED POSITION,
ADEQUATE SEALING MUST BE PROVIDED TO PROTECT CONNECTIONS.

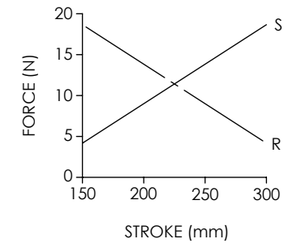








SPRING FORCE VS STROKE
(CODE 'R' OR 'S' <150mm STROKE)



SPRING FORCE VS STROKE
(CODE 'R' OR 'S' >150mm STROKE)

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
A	FIRST RELEASE	ASC	14/07/2021	-

Positek

APPROVED BY	REV		
RDM	A		X ±0.4 X.X ±0.2 X.XX ±0.1 DIMS mm

DESCRIPTION
10BAR SLIM-LINE SUBMERSIBLE
LINEAR POSITION SENSOR

SCALE 3:4
A3

DRAWING NUMBER
S119-11

SHEET 1 OF 1