

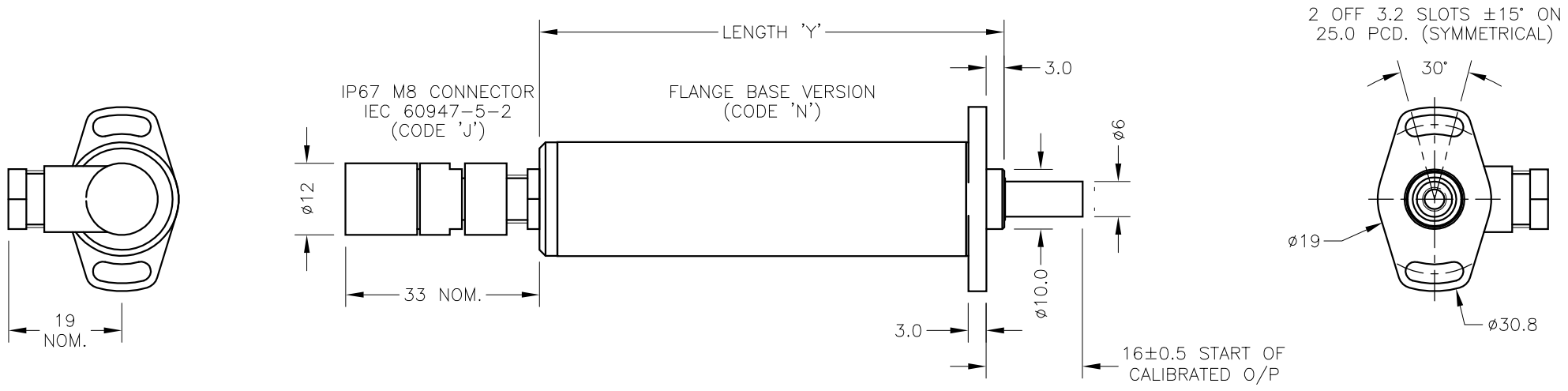
ELECTRICAL OPTIONS/ SPECIFICATIONS		
OUTPUT OPTION	OUTPUT	SUPPLY
A	0.5 TO 4.5V RATIOMETRIC	5V
C	0.5 TO 9.5V	24V
G	0.5 TO 4.5V	24V

SUPPLY CURRENT 12mA TYP. 20mA MAX.

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

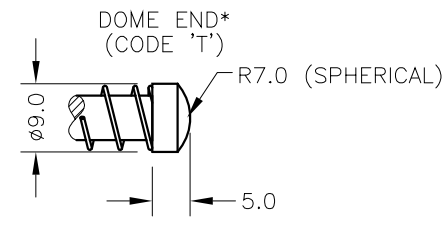
*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.25mm²
 RANGE OF DISPLACEMENT FROM 2 TO 50mm, IN INCREMENTS OF 1mm.
 BODY MATERIAL:- STAINLESS STEEL.
 FLANGE BASE MATERIAL:- STAINLESS STEEL (CODE 'N')

FURTHER OPTIONS:
 SINGLE PAIR OF BODY CLAMPS (CODE 'P')
 SPRUNG PLUNGER, TO EXTENDED POSITION (CODE 'R')
 DOME END (CODE 'T') IN CONJUNCTION WITH SPRUNG PLUNGER (CODE 'R')*
 PLUNGER FREE (CODE 'V')
 N.b. NOT AVAILABLE WITH SPRUNG OPTIONS.



NOTE: SENSORS WITH TRAVEL UP TO 50mm ARE MADE IN STANDARD LENGTHS.
 BODY LENGTH: (mm)

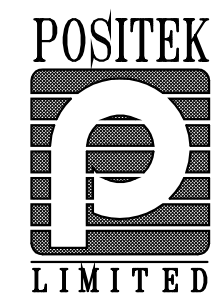
TRAVEL: (mm)	'X' STANDARD		'Y' FLANGE	
	CALIBRATED	MECHANICAL	O/P 'A'	O/P 'C'/'G'
2 - 10	10		72.5	77.5
11 - 20	20		82.5	87.5
21 - 30	30		92.5	97.5
31 - 50	50		112.5	117.5



A	FIRST ISSUE	PDM
B	LENGTHS MODIFIED - RAN498	PDM
C	STROKE 2-10 WAS 10 - RAN1063, OPTION 'J' ADDED - RAN1068.	PDM

THE PLUNGER RETRACTS 8mm FROM START OF CALIBRATED TRAVEL (2mm FOR SPRUNG VERSIONS) AND EXTENDS 11mm* BEYOND END OF MECHANICAL TRAVEL. *DOES NOT INCLUDE DIFFERENCE BETWEEN CALIBRATED AND MECHANICAL TRAVEL, DIMENSIONS ARE NOMINAL.
 'V' CODED PLUNGER WILL DEPART SENSOR BODY.

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	DATE	DESCRIPTION	CHECKED BY	TOLERANCES
A	21/11/13		X	±0.4
B	21/05/14		X.X	±0.2
C	25/11/15		X.XX	±0.1

DESCRIPTION: P118 SHORT STROKE SLIM-LINE LINEAR POSITION SENSOR

SCALE: 10mm

DRAWING NUMBER: P118-11 REV C

SHEET 1 OF 1