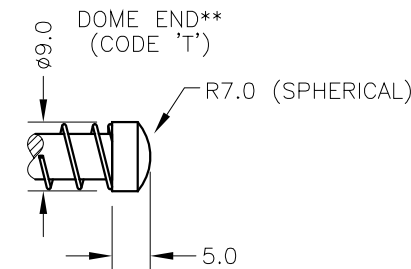


NOTE: SENSORS ARE MADE IN FOUR STANDARD LENGTHS.

TRAVEL: (mm)	BODY LENGTH: (mm)
CALIBRATED MECHANICAL 'X' STANDARD	'Y' FLANGE
51 - 70	70
71 - 100	100
	125.0
	141.3
	155.0
	171.3



ELECTRICAL OPTIONS/ SPECIFICATIONS

OUTPUT OPTION	OUTPUT	SUPPLY	
A	0.5 TO 4.5V RATIOMETRIC	5V	STANDARD
B	±5V	±15V	
C	0.5 TO 9.5V	24V	
D	±10V	±15V	BUFFERED
G	0.5 TO 4.5V	24V	
E	SUPPLY CURRENT 12mA TYP. 20mA MAX.	24V	
F	4 TO 20mA 2-WIRE	24V	
H	4 TO 20mA 3-WIRE SINK	24V	
	4 TO 20mA 3-WIRE SOURCE	24V	

SINK VERSION OUTPUT COMPLIANCE 5-28V  
SOURCE VERSION DRIVE 3000 MAX TO 0V

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

3-CORE SCREENED: 0.2mm<sup>2</sup>, ø4mm PUR JACKET

4-CORE SCREENED: 0.2mm<sup>2</sup>, ø4.6mm PUR JACKET

CABLE/CONNECTOR CONNECTIONS\*:

3 CORE 4 CORE CONNECTOR

RED	RED	:1	+Ve
BLACK	GREEN	:3	0V
	YELLOW	:4	-Ve - OPTIONS: B OR D
WHITE	BLUE	:2	OUTPUT
SCREEN	SCREEN	:4	BODY - OPTIONS: A, C, E-H

\*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.75mm<sup>2</sup>  
RANGE OF DISPLACEMENT FROM 51 TO 100mm,  
IN INCREMENTS OF 1mm.

BODY MATERIAL: STAINLESS STEEL.

FLANGE MATERIAL: ALUMINIUM (CODE 'N')

FURTHER OPTIONS:

SINGLE PAIR OF BODY CLAMPS (CODE 'P')

SPRUNG PLUNGER, TO EXTENDED POSITION (CODE 'R')

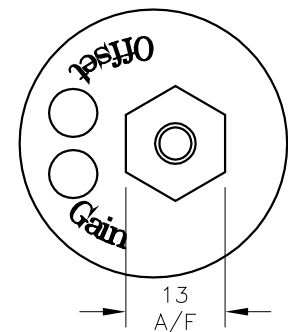
DOME END (CODE 'T') IN CONJUNCTION WITH SPRUNG PLUNGER (CODE 'R')\*\*

PLUNGER FREE (CODE 'V')

N.b. NOT AVAILABLE WITH SPRUNG OPTIONS.

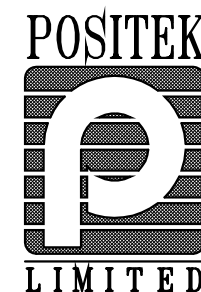


GAIN AND OFFSET ADJUSTMENTS SEALED (CODE 'Y')



THE PLUNGER RETRACTS 5mm FROM START OF CALIBRATED TRAVEL (2mm FOR SPRUNG VERSIONS) AND EXTENDS 9.5mm\* 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.



A	10/11/15	CHECKED BY	X ±0.4
		RDS	X.X ±0.2
			X.XX ±0.1
			DIMS mm
DESCRIPTION			
P133 LIPS MID STROKE LINEAR POSITION SENSOR			
SCALE	10mm	DRAWING NUMBER	P133-11
		REV	A
		SHEET	1 OF 1

A	FIRST ISSUE - RAN1063	PDM