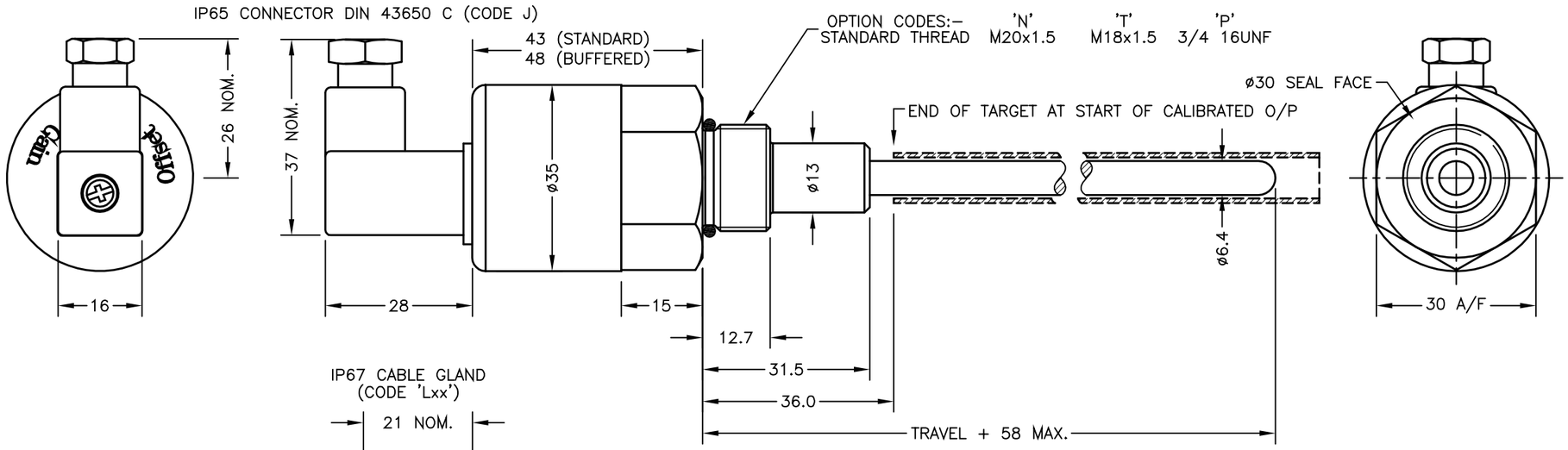

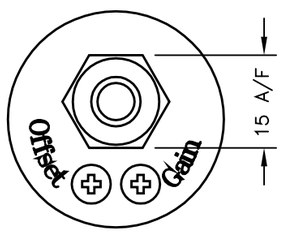

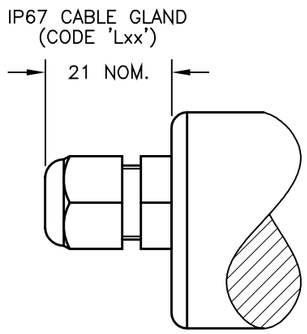

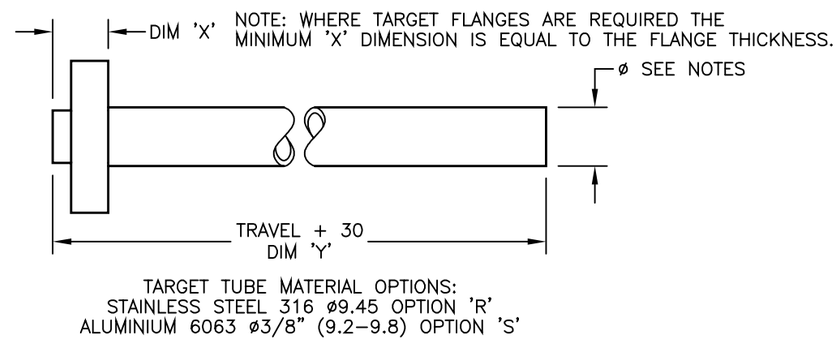

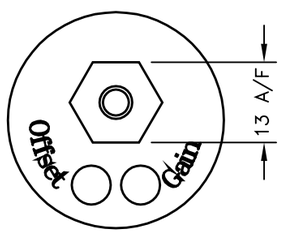

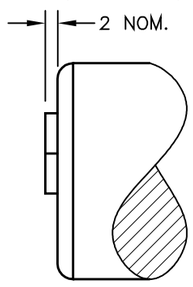

ELECTRICAL OPTIONS/ SPECIFICATIONS

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

SINK VERSION OUTPUT COMPLIANCE 5–28V
SOURCE VERSION DRIVE 300Ω MAX TO 0V

CABLE LENGTH, OPTIONS 'Lxx' OR 'Mxx', ORDERED IN cm, 50cm STANDARD OR AS REQUIRED.
3–CORE SCREENED: 0.2mm², ø4mm PUR JACKET
4–CORE SCREENED: 0.2mm², 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 0.75mm²

RANGE OF DISPLACEMENT FROM 5mm TO 800mm, IN INCREMENTS OF 1mm.

BODY MATERIAL: STAINLESS STEEL.

J	MOUNTING BOSS DIMS CORRECTED	PDM
K	ELEC. OPTIONS AMENDED.	PDM
L	OPTION 'S' REINSTATED.	PDM
M	ADDITIONAL DIMS/VIEWS ADDED.	PDM
N	RANGE WAS 20-600 RAN1056	RDS
O	TARGET NOTES AMENDED ~ RAN1114	PDM

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.

POSITEK LIMITED

J	06/07/05	CHECKED BY RDS	X ±0.4 X.X ±0.2 X.XX ±0.1 DIMS mm
K	16/10/06		
L	24/09/08		
M	05/07/11	DESCRIPTION P100 LIPS CYLINDER LINEAR POSITION SENSOR	
N	9/11/15		
O	18/10/16		
SCALE 10mm		DRAWING NUMBER P100-11	REV O
			SHEET 1 OF 1