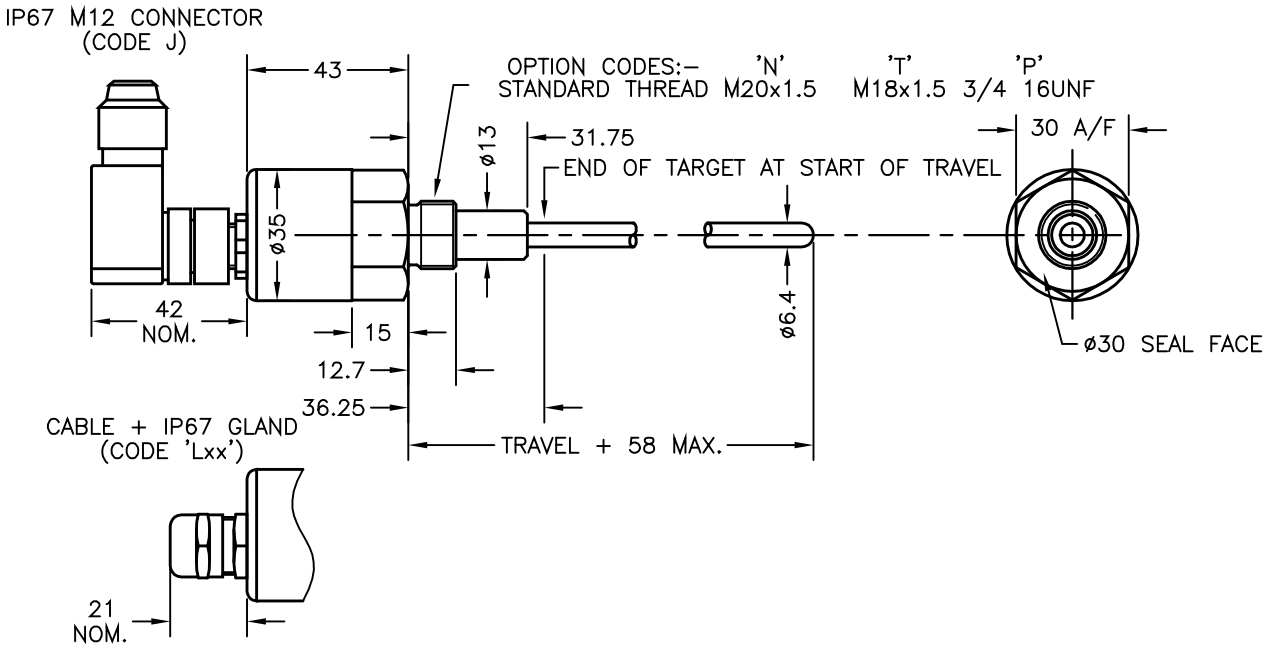
BODY MATERIAL: STAINLESS STEEL.



ELECTRICAL SPECIFICATIONS

OUTPUT	SUPPLY
0.5 TO 4.5V RATIOMETRIC	5V

CABLE LENGTH ORDERED IN cm. 1500cm MAX.
3–CORE SCREENED: 0.2mm², ø4mm PUR JACKET

CABLE/CONNECTOR CONNECTIONS;

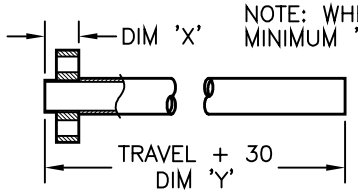
3 CORE	CONNECTOR	
RED	1	+Ve
BLACK	3	0V
WHITE	2	OUTPUT
SCREEN	4	BODY

NOTE:– READ INSTALLATION SHEET M100–19
FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO
Ex I/II M1/1GD
EEx ia I/IIC T4 (Ta= –40° to +80°C)
Ex iaD 20 T135°C (Ta= –40° to +80°C)
Ui 11.4V, Ii 0.46A, Pi 0.51W

APPROVED FOR USE WITH A
GALVANICALLY ISOLATED BARRIER.

OPTION 'W' FLANGE ILLUSTRATED; SEE TG24–11 FOR DETAILS TO SPECIFY TARGET TUBES.
SEE P100–12 FOR DETAILS TYPICAL TARGET TUBE MOUNTING ARRANGEMENTS



NOTE: WHERE TARGET FLANGES ARE REQUIRED THE MINIMUM 'X' DIMENSION IS EQUAL TO THE FLANGE THICKNESS.

TARGET TUBE:
STAINLESS STEEL 316, ID 7.70, OD 9.45.

A	FIRST ISSUE.	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

A	29/11/06		CHECKED BY RDS	X ±0.4 X.X ±0.2 X.XX ±0.1 DIMS mm
		DESCRIPTION: M100 INTRINSICALLY SAFE CYLINDER LINEAR POSITION SENSOR		
SCALE 20mm		DRAWING NUMBER M100-11	REV A	SHEET 1 OF 1