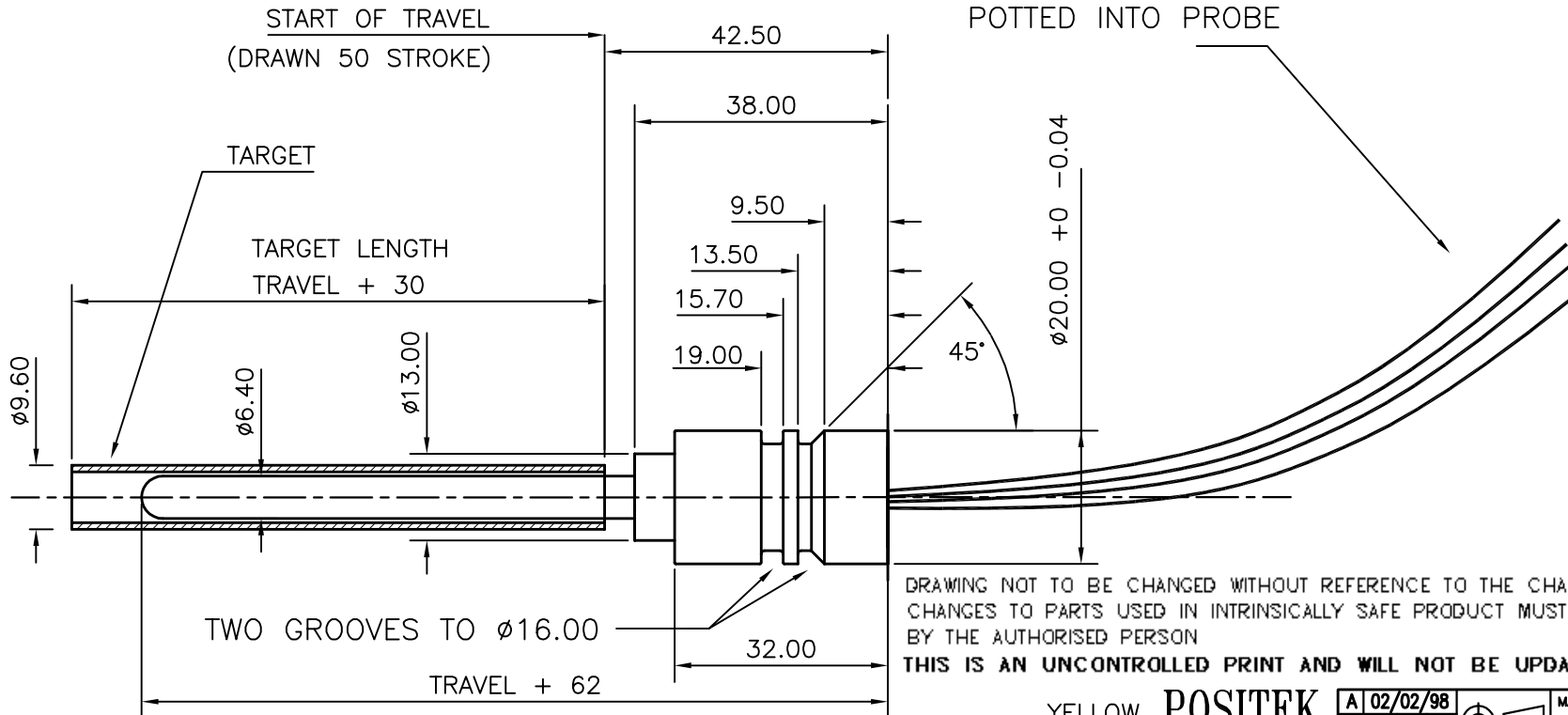


CHECKED
AT REV. **B**

RDS

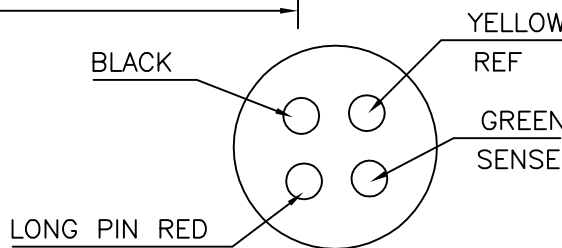
SEE DRAWING P106-12 FOR ELECTRONICS MODULE DETAILS
SEE DRAWING TG24-11 FOR STANDARD TARGET FITTING OPTIONS

FOUR WIRES 0.25mm²
TO ELECTRONIC MODULE
300 LONG RED, BLACK, GREEN, YELLOW
POTTED INTO PROBE



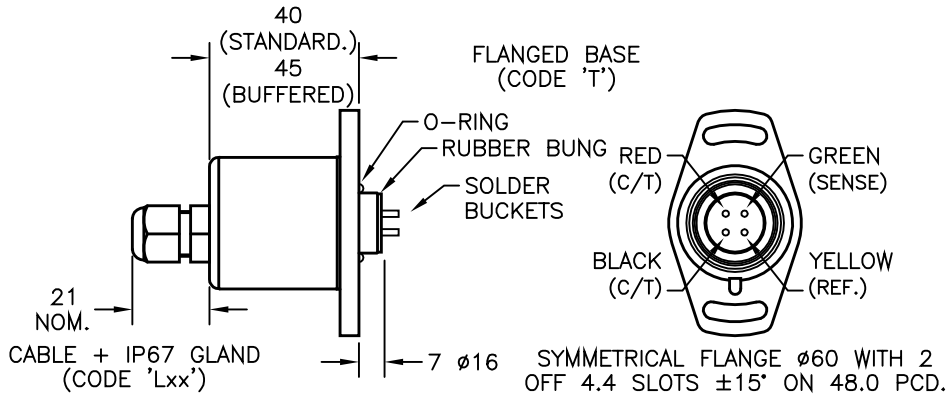
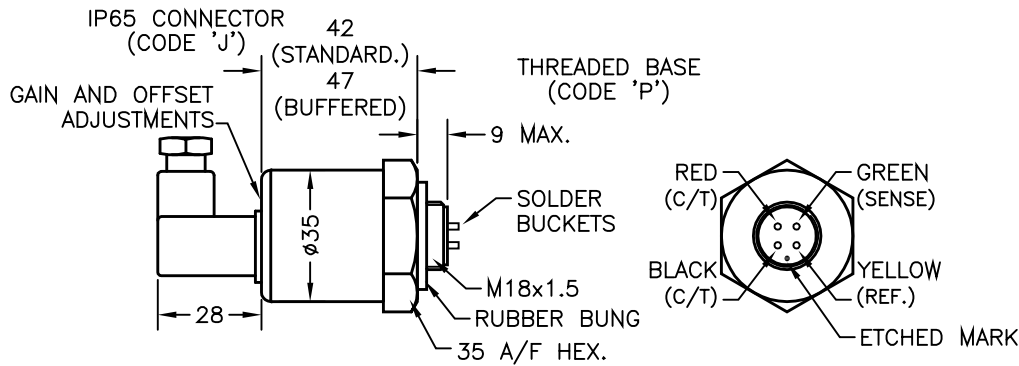
DRAWING NOT TO BE CHANGED WITHOUT REFERENCE TO THE CHANGE PROCEDURE.
CHANGES TO PARTS USED IN INTRINSICALLY SAFE PRODUCT MUST BE APPROVED
BY THE AUTHORISED PERSON
THIS IS AN UNCONTROLLED PRINT AND WILL NOT BE UPDATED

| | | |
|---|-------------------|-----|
| A | FIRST ISSUE DRAFT | JHF |
| B | STROKE DIMS ADDED | RDS |

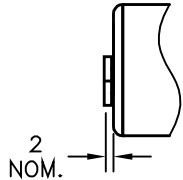


| | | | |
|---|----------|----------------------------|--------------|
| A | 02/02/98 | MATERIAL SEE NOTE 1 | X ±0.4 |
| B | 05/10/00 | | X.X ±0.2 |
| | | | X.XX ±0.1 |
| ALL DIMS mm | | | |
| DESCRIPTION IN CYLINDER SENSOR INTERNALLY MOUNTED PROBE ASSY | | | |
| SCALE 10mm | | DRAWING NUMBER P106-11 | REV B |
| | | SHEET 1 OF 1 | |

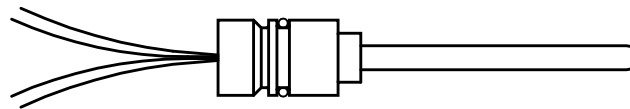
THE REAR OF THE PROBE AND CABLE CONNECTIONS MUST BE PROTECTED FROM WATER INGRESS AND STRAIN RELIEVED.



CABLE + SHORT IP67 GLAND (CODE 'Mxx')



SEE DRAWING P106-11 FOR SENSOR PROBE DETAILS



ELECTRICAL OPTIONS/ SPECIFICATIONS

| | | OUTPUT | SUPPLY | |
|---------------|-------------------------|--------------------------------------|------------------------------------|----------|
| OUTPUT OPTION | A | 0.5 TO 4.5V RATIO METRIC | 5V | STANDARD |
| | B | ±5V | ±15V | |
| | C | 0.5 TO 9.5V | 24V | |
| | D | ±10V | ±15V | BUFFERED |
| | G | 0.5 TO 4.5V | 24V | |
| | | | SUPPLY CURRENT 12mA TYP. 20mA MAX. | |
| E | 4 TO 20mA 2-WIRE | 24V | | |
| F | 4 TO 20mA 3-WIRE SINK | 24V | | |
| H | 4 TO 20mA 3-WIRE SOURCE | 24V | | |
| | | SINK VERSION OUTPUT COMPLIANCE 5-28V | | |
| | | SOURCE VERSION DRIVE 300Ω MAX TO 0V | | |

CABLE LENGTH ORDERED IN cm.
 3-CORE SCREENED: 0.2mm², ø4mm PUR JACKET
 4-CORE SCREENED: 0.2mm², ø4.6mm PUR JACKET

CABLE/CONNECTOR CONNECTIONS;

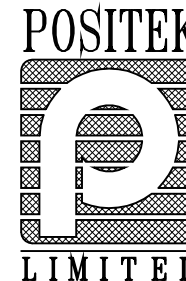
| 3 CORE | 4 CORE | CONNECTOR | |
|--------|--------|-----------|---------------------------|
| RED | RED | 1 | +Ve |
| BLACK | GREEN | 3 | 0V |
| WHITE | YELLOW | 4 | -Ve (OPTIONS: B OR D) |
| SCREEN | BLUE | 2 | OUTPUT |
| | SCREEN | 4 | BODY (OPTIONS: A, C, E-H) |

BODY MATERIAL:- STAINLESS STEEL.
 FLANGE MATERIAL:- ALUMINIUM (CODE 'T').

SENSOR IS MOUNTED FROM INSIDE CYLINDER.
 ELECTRONICS MODULE IS MOUNTED OUTSIDE CYLINDER,
 WIRE FROM SENSOR SOLDERED TO ELECTRONICS MODULE.

| G | ELEC. OPTIONS AMENDED. | 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
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| | | | | |
|---|----------|----------------------------|------------|----------------------------------|
| G | 17/10/06 | | CHECKED BY | X ±0.4 |
| | | | RDS | X.X ±0.2 X.XX ±0.1 DIMS mm |
| DESCRIPTION | | | | |
| P106 LIPS INT'NAL MOUNTED CYLINDER SENSOR WITH EXTERNAL ELECTRONICS | | | | |
| SCALE | | DRAWING NUMBER | | |
| 20mm | | P106-12 | | |
| | | REV G | | |
| | | SHEET 1 OF 1 | | |