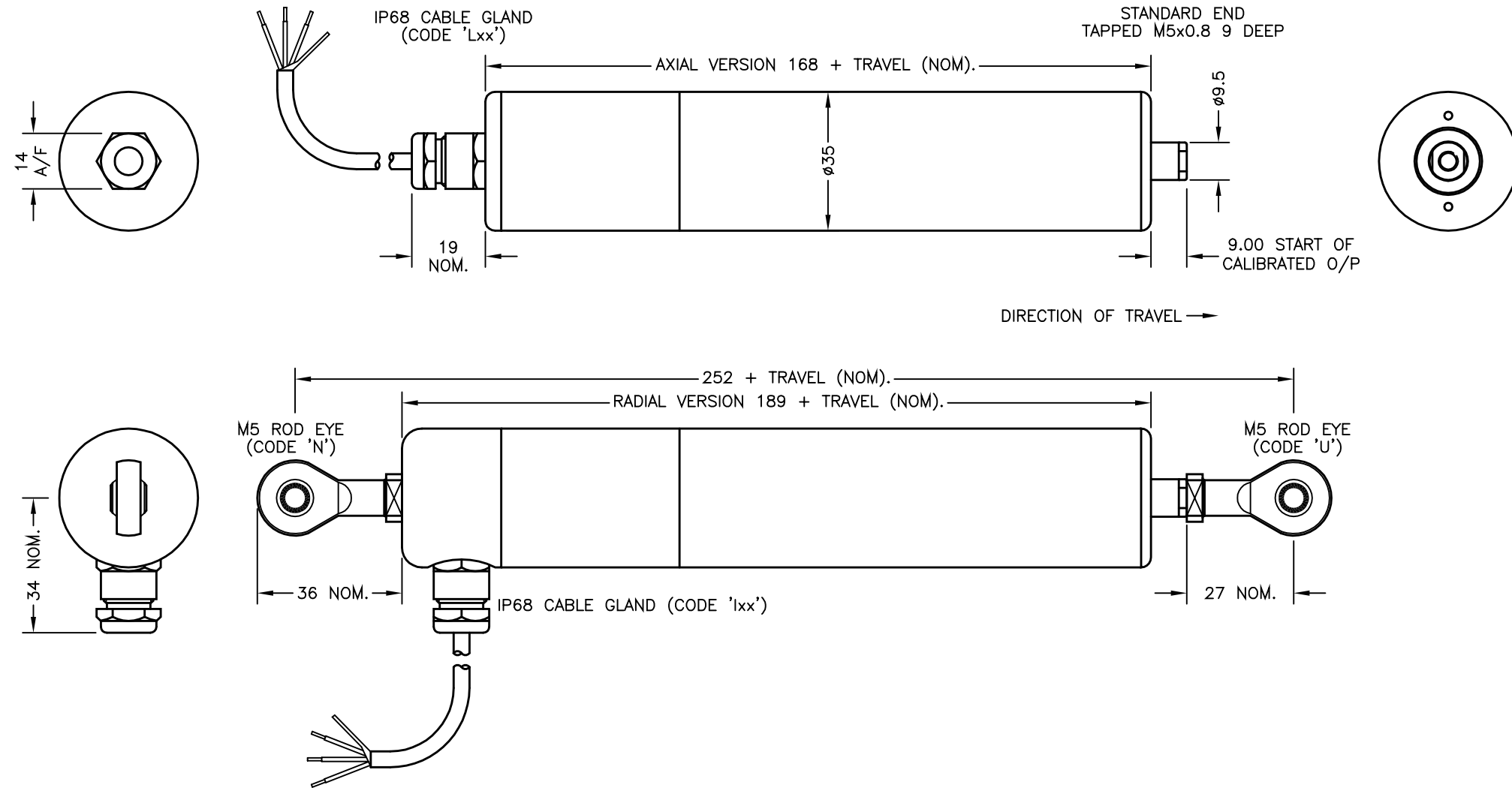


N.b. ROD-EYE ORIENTATION NOT GUARANTIED.



ELECTRICAL OPTIONS/ SPECIFICATIONS

| OUTPUT OPTION | OUTPUT | | SUPPLY | | |
|---------------|------------------------------------|---------------|-------------|----|----------|
| | A | 0.5 TO 4.5V | RATIOMETRIC | 5V | |
| B | ±5V | | ±15V | | |
| C | 0.5 TO 9.5V | | 24V | | BUFFERED |
| D | ±10V | | ±15V | | |
| 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, OPTIONS 'ixx' OR 'Lxx', 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 CONNECTIONS;

3 CORE 4 CORE

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

RANGE OF DISPLACEMENT FROM 50mm TO 600mm, IN INCREMENTS OF 1mm.

BODY MATERIAL: STAINLESS STEEL 316.

FURTHER OPTIONS:

SINGLE PAIR OF BODY CLAMPS 'P'

TWO PAIRS OF BODY CLAMPS 'P2'

PUSH-ROD FREE (CODE 'V')

MAXIMUM WORKING DEPTH: 100 METRES/328 FEET.

WHERE CABLE FREE END TERMINATION IS SUBMERGED ADEQUATE SEALING IS REQUIRED TO ENSURE WATER CANNOT TRACK INSIDE CABLE JACKET.

PUSH-ROD RETRACTS 4mm NOM. FROM START OF CALIBRATED O/P AND EXTENDS 8mm BEYOND END OF CALIBRATED O/P.

'V' CODED PUSH-ROD WILL DEPART SENSOR BODY.

| | | |
|---|------------------------------|-----|
| A | FIRST ISSUE. | PDM |
| B | 168 WAS 166 RAN 294 | PDM |
| C | ADDITIONAL DIMS/VIEWS ADDED. | 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.



| | | | | | |
|---|----------|--|------------------------------|------|------|
| A | 25/10/07 | | CHECKED BY | X | ±0.4 |
| B | 12/10/10 | | RDS | X.X | ±0.2 |
| C | 05/07/11 | | | X.XX | ±0.1 |
| DESCRIPTION | | | | | |
| P114 SUBMERSIBLE STAND-ALONE LINEAR POSITION SENSOR | | | | | |
| SCALE 1:3mm ↔ | | | DRAWING NUMBER P114-11 REV C | | |
| SHEET 1 OF 1 | | | | | |