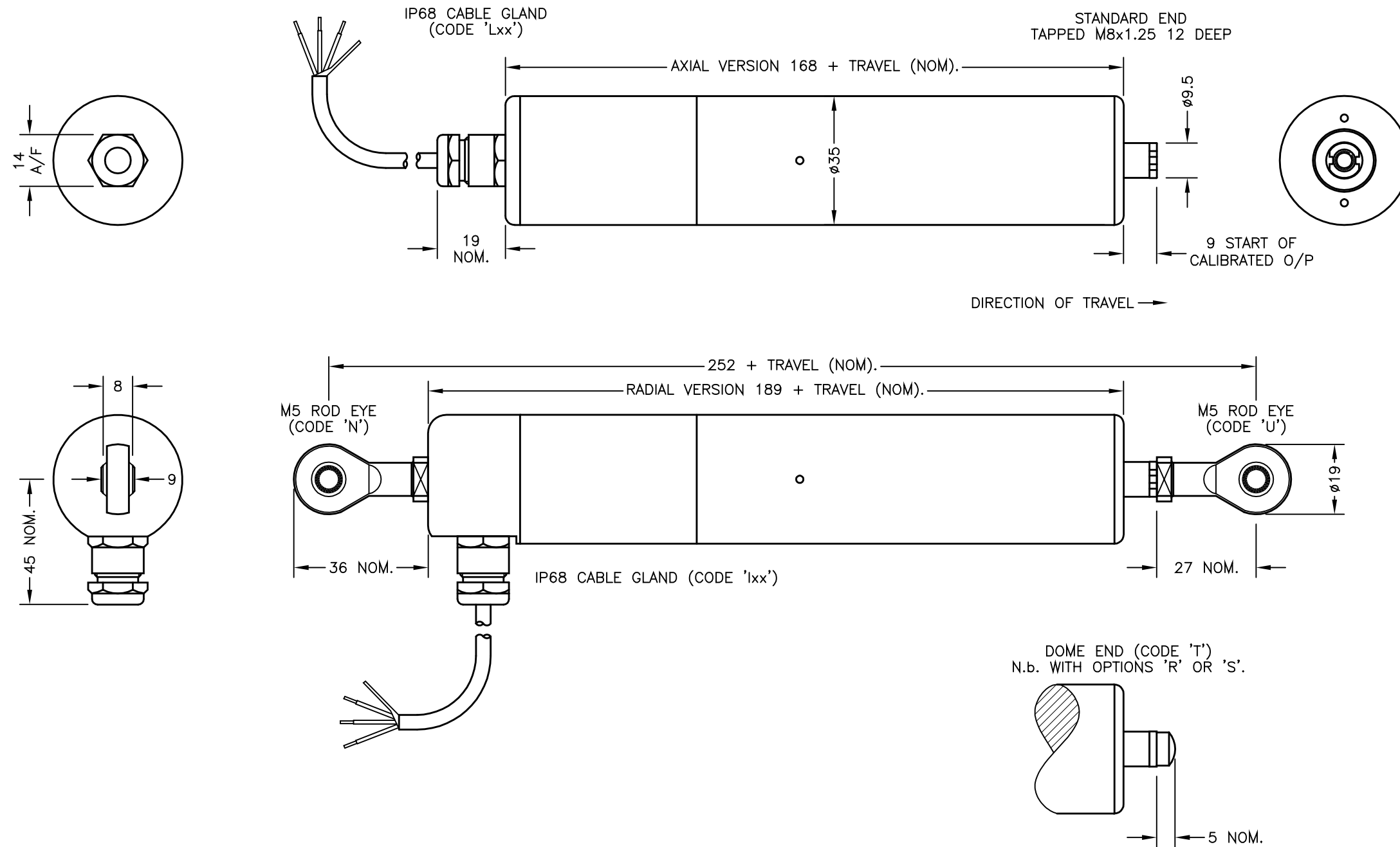


N.b. ROD-EYE ORIENTATION NOT GUARANTEED.



ELECTRICAL OPTIONS/ SPECIFICATIONS

| OUTPUT OPTION | OUTPUT | SUPPLY | |
|---------------|------------------------------------|--------|----------|
| 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 | |
| F | SUPPLY CURRENT 12mA TYP. 20mA MAX. | 24V | |
| H | 4 TO 20mA 2-WIRE | 24V | |
| | 4 TO 20mA 3-WIRE SINK | 24V | |
| | 4 TO 20mA 3-WIRE SOURCE | 24V | |

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

CABLE: 0.2mm², O/A SCREEN, PUR JACKET - SUPPLIED WITH 50cm OR REQUIRED LENGTH IN cm. e.g. 'L50'

3-CORE: JACKET Ø4mm
4-CORE: JACKET Ø4.6mm

CONNECTIONS:

3 CORE 4 CORE

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

RANGE OF DISPLACEMENT FROM 0-5mm TO 0-800mm e.g.76, IN INCREMENTS OF 1mm.

BODY MATERIAL: STAINLESS STEEL 316.

FURTHER OPTIONS:

SINGLE PAIR OF BODY CLAMPS 'P'

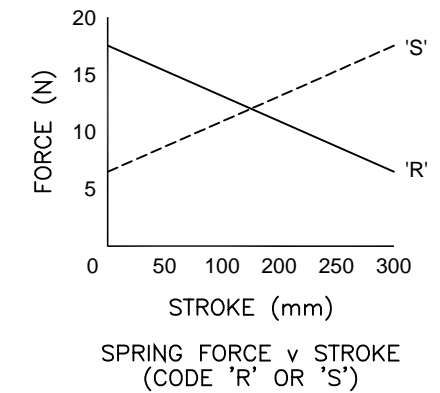
TWO PAIRS OF BODY CLAMPS 'P2'

SPRING RETURN PUSH-ROD, TRAVEL ≤300mm

RETURN TO EXTENDED POSITION (CODE R)

RETURN TO RETRACTED POSITION (CODE S)

PUSH-ROD FREE (CODE 'V') - NOT AVAILABLE WITH SPRUNG OPTIONS.



MAXIMUM WORKING DEPTH: 100 METRES/328 FEET. WHERE THE FREE END OF THE CABLE IS TO BE TERMINATED IN A SUBMERGED POSITION, ADEQUATE SEALING MUST BE PROVIDED TO PROTECT CONNECTIONS.

THE PUSH-ROD RETRACTS A FURTHER 4mm NOM. FROM START OF CALIBRATED TRAVEL. STANDARD VERSIONS THE PUSH-ROD EXTENDS A FURTHER 8mm NOM. FROM END OF CALIBRATED TRAVEL, FOR SPRUNG VERSIONS: 'R': 1mm, 'S': 2mm. 'V' CODED PUSH-ROD WILL DEPART SENSOR BODY.

| | | |
|---|------------------------------|-----|
| A | FIRST ISSUE ~ RAN1044 | RDS |
| B | RANGE WAS 50-600mm RAN1056 | RDS |
| C | OPTION 'S' ADDED ~ RAN1108 | PDM |
| D | RANGE NOTE AMENDED ~ RAN1200 | 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
P
LIMITED

| | | | | | |
|---|----------|---|----------------|---------|--------------|
| A | 16/10/15 | | CHECKED BY | X | ±0.4 |
| B | 09/11/15 | | RDS | X.X | ±0.2 |
| C | 14/09/16 | | | X.XX | ±0.1 |
| D | 05/09/17 | | | | DIMS mm |
| | | DESCRIPTION | | | |
| | | S114 SUBMERSIBLE STAND-ALONE LINEAR POSITION SENSOR | | | |
| | SCALE | | DRAWING NUMBER | S114-11 | REV D |
| | 12.5mm | | | | |
| | | | | | SHEET 1 OF 1 |