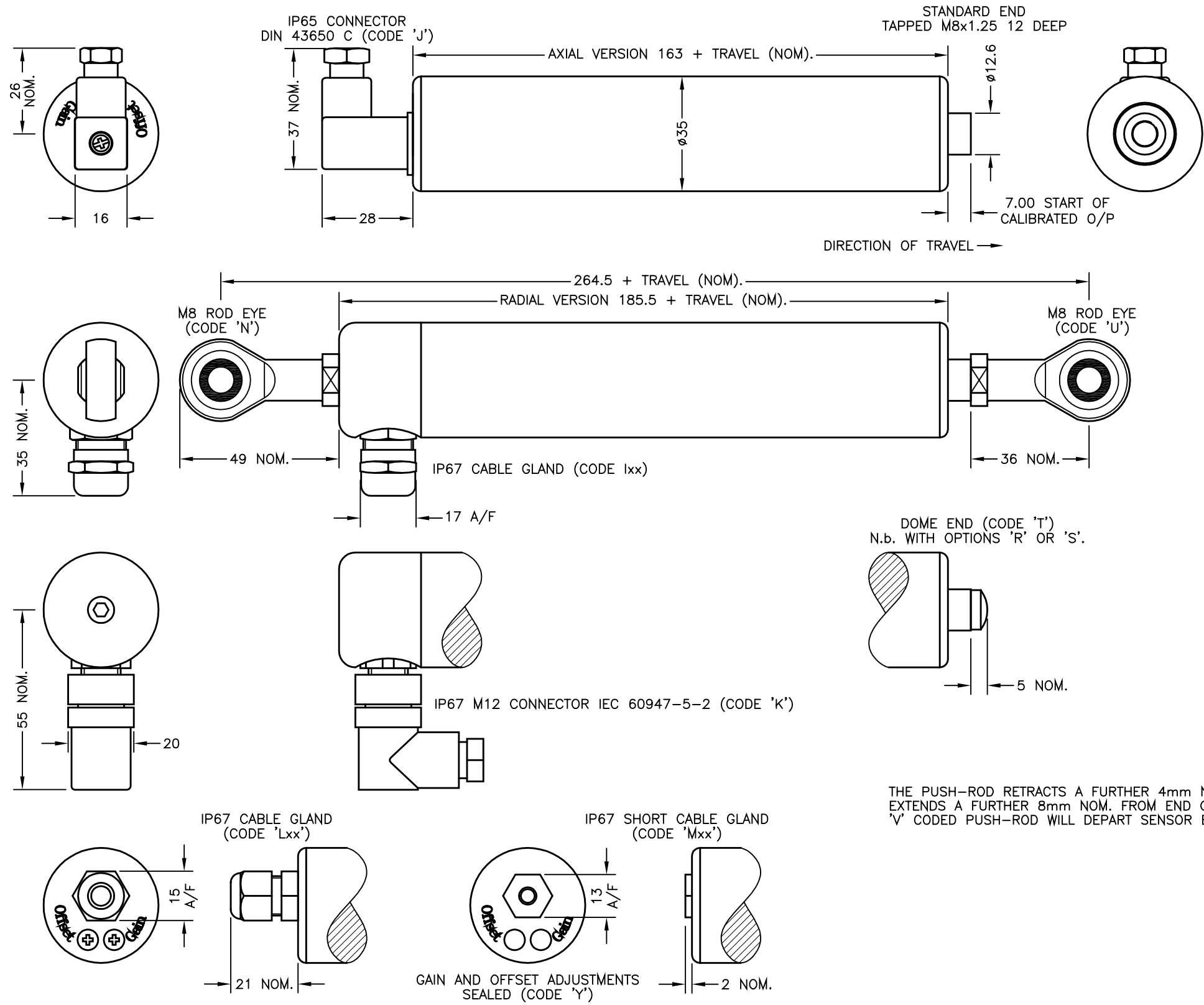


N.b. ROD-EYE ORIENTATION NOT GUARANTIED.



ELECTRICAL OPTIONS/ SPECIFICATIONS

OUTPUT SUPPLY
 0.5 TO 4.5V RATIO METRIC 5V
 SUPPLY CURRENT 12mA TYP. 20mA MAX.

CABLE LENGTH, OPTIONS 'Ixx', 'Lxx' OR 'Mxx', ORDERED IN cm,
 50cm STANDARD OR AS REQUIRED, 15000cm 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

*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.75mm²
 RANGE OF DISPLACEMENT FROM 50mm TO 600mm,
 IN INCREMENTS OF 1mm.

BODY MATERIAL: STAINLESS STEEL.

FURTHER OPTIONS:

SINGLE PAIR OF BODY CLAMPS 'P'
 TWO PAIRS OF BODY CLAMPS 'P2'

SPRING RETURN PUSH-ROD, TRAVEL <250mm


RETURN TO EXTENDED POSITION (CODE R)

RETURN TO RETRACTED POSITION (CODE S)

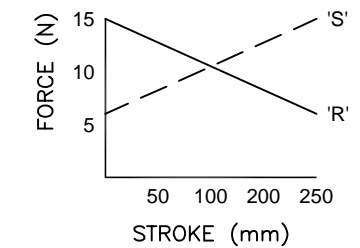
PUSH-ROD FREE (CODE 'V') - NOT AVAILABLE WITH SPRUNG OPTIONS.

GAIN AND OFFSET ADJUSTMENTS NOT AVAILABLE WITH RADIAL BODY, CODE 'Ixx' AND 'K', OPTIONS.

NOTE:- READ INSTALLATION SHEET X111-19 FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO
 II 1G
 EEx ia IIC T4 (Ta = -40° to +80°C)
 Ui 11.4V, Ii 0.2A, Pi 0.51W

APPROVED FOR USE IN CONJUNCTION WITH A GALVANICALLY ISOLATED BARRIER.

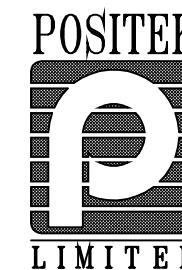



SPRING FORCE v STROKE (OPTION 'R' OR 'S')

THE PUSH-ROD RETRACTS A FURTHER 4mm NOM. FROM START OF CALIBRATED TRAVEL. ON STANDARD VERSIONS THE PUSH-ROD EXTENDS A FURTHER 8mm NOM. FROM END OF CALIBRATED TRAVEL, OR 3mm FOR SPRUNG 'R' AND 'S' VERSIONS. 'V' CODED PUSH-ROD WILL DEPART SENSOR BODY.

G	BODY ROD-EYE ON RADIAL VERSIONS NOT AN OPTION	PDM
H	OPTION 'T' ADDED.	PDM
I	DIM BETWEEN ROD-EYES ADDED.	PDM
J	Ii 0.2A WAS 0.46A - RAN266	PDM
K	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.



G	28/06/07		CHECKED BY	X	±0.4
H	28/06/07		RDS	X.X	±0.2
I	14/08/08			X.XX	±0.1
J	21/04/10	DESCRIPTION			
K	05/07/11	X111 INTRINSICALLY SAFE RUGGED STAND ALONE LINEAR POSITION SENSOR			
SCALE 1:3mm		DRAWING NUMBER X111-11		REV	K
				SHEET 1 OF 1	