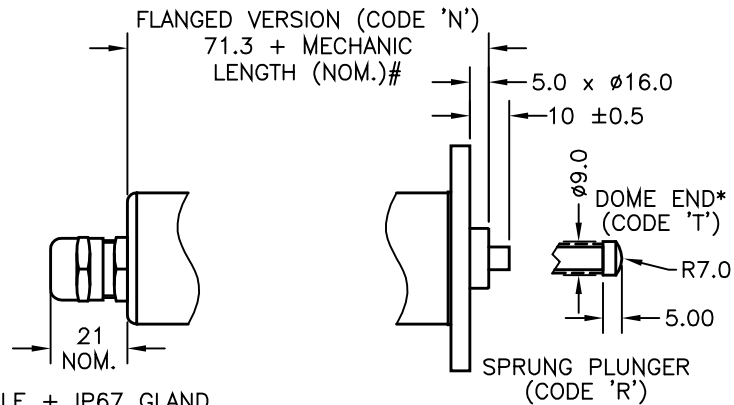


IP67 M12 CONNECTOR (CODE J)



CABLE + IP67 GLAND - AXIAL (CODE 'Lxx')

\* DOME END OPTION ONLY AVAILABLE WITH OPTION 'R'.

SYMMETRICAL FLANGE 60 WITH 2 OFF 4.4 SLOTS ±15° ON 48.0 PCD.

#MECHANICAL LENGTH: SENSORS MADE WITH STANDARD MECHANICAL TRAVEL OF BETWEEN 10, 20, 30 & 50mm, ELECTRICAL OUTPUT CAN BE CALIBRATED AS REQUIRED IN THE NEAREST (LARGER) MECHANICAL TRAVEL.

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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.

**ELECTRICAL SPECIFICATIONS**

<b>OUTPUT</b>	<b>SUPPLY</b>
0.5 TO 4.5V RATIO METRIC	5V

CABLE LENGTH ORDERED IN cm. 1500cm MAX.  
3-CORE SCREENED: 0.2mm<sup>2</sup>, 4mm PUR JACKET

**CABLE/CONNECTOR CONNECTIONS;**

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

BODY MATERIAL:- STAINLESS STEEL.  
FLANGE MATERIAL:- STAINLESS STEEL (CODE 'N').

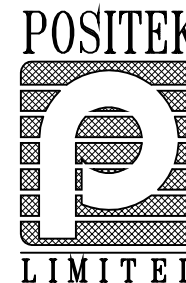
FURTHER OPTIONS:  
PLUNGER FREE (CODE 'V')

NOTE:- READ INSTALLATION SHEET E103-19 FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO
EEx ia 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.

A	FIRST ISSUE.	PDM



A	30/11/06		CHECKED BY	X ±0.4
			RDS	X.X ±0.2 X.XX ±0.1 DIMs mm
DESCRIPTION			E103 INTRINSICALLY SAFE SHORT STROKE LINEAR POSITION SENSOR	
SCALE	20mm	DRAWING NUMBER	E103-11	REV A
			SHEET 1 OF 1	