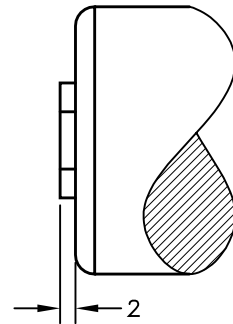
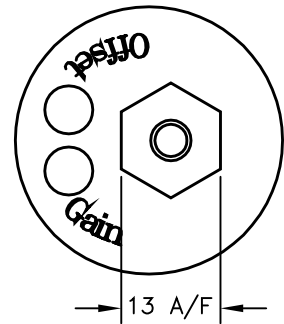


GAIN AND OFFSET ADJUSTMENTS SEALED (CODE 'Y')

IP67 SHORT CABLE GLAND - AXIAL (CODE 'Mxx')



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
E	0.5 TO 4.5V	24V	
F	SUPPLY CURRENT 12mA TYP. 20mA MAX.	24V	
G	4 TO 20mA 2-WIRE	24V	
H	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

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	SCREEN	:4	BODY - OPTIONS: A, C, E-H

*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.75mm²
RANGE OF DISPLACEMENT FROM 0-16° TO 0-160° e.g.76°, IN INCREMENTS OF 1°.

BODY MATERIAL:- STAINLESS STEEL.

FLANGE BASE MATERIAL:- ALUMINIUM.

SERVO MOUNT MATERIAL:- ALUMINIUM.

FURTHER OPTIONS:

SPRING RETURN (CODE 'N') AVAILABLE UP TO ±50°

CALIBRATED OUTPUT, PHYSICAL STOPS ±55°

NOTE STANDARD DEVICE HAS NO STOPS.

N	ELEC. OPTIONS AMENDED.	PDM
O	FLANGE TH'KNESS ADDED.	PDM
P	ADDITIONAL DIMS/VIEWS ADDED.	PDM
Q	DISP. 16 TO 160° WAS 20 TO 160° RAN442	PDM
R	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

N	18/10/06		CHECKED BY	X	±0.4
O	05/01/10		RDS	X.X	±0.2
P	06/07/11			X.XX	±0.1
Q	07/11/13				DIMS mm
R	11/09/17	DESCRIPTION			
		P500 RIPS			
		ROTARY SENSOR			
		SCALE	DRAWING NUMBER	P500-11	REV R
		10mm			
					SHEET 1 OF 1