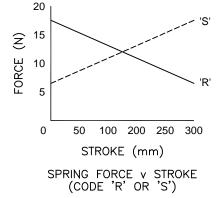


RED BLACK WHITE

**ELECTRICAL OPTIONS/ SPECIFICATIONS** <u>OUTPUT</u> **SUPPLY** 0.5 TO 4.5V RATIOMETRIC 57 STANDARD NOIT40 ±5V ±15V 24V 0.5 TO 9.5V ±10V ±15V 0.5 TO 4.5V 24V BUFFERED SUPPLY CURRENT 12mA TYP. 20mA MAX. 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 OV 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 +Ve GREEN Ô۷ YELLOW -Ve - OPTIONS: B OR D OUTPUT BLUE SCREEN SCREEN BODY - OPTIONS: A, C, E-H RANGE OF DISPLACEMENT FROM 5mm TO 800mm, 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. 20



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.

Α	FIRST ISSUE ~ RAN1044	RDS
В	RANGE WAS 50-600mm RAN1056	RDS
С	OPTION 'S' ADDED ~ RAN1108	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.





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. [	В	09/11/15	<del>((()) [[</del>	RDS	X.X ±0.2     X.XX ±0.1		
	С	14/09/16	) 1		DIMS mm		
			DESCRIPTION				
			S114 SUBMERSIBLE				
	STAND-ALONE LINEAR						
			POSITION SENSOR				
	SCALE 12.5mm <del> &lt; &gt; </del>		DRAWING ONLY NUMBER	S114-11	REV C		
			SHEET 1 OF 1				