Dual-output Potentiometer Converter

Г

Ordering code		provides DC voltage or	built-in, also has burnout protection circuit as standard nent by 25 turn trimmer ment strength of 3000Vac e	
	WSPF- MSW -			
Code Rated input	Span Ad. Zero Ad.		Code Test Report X None	
(Total Resistance) 30 50ΩFS to 500ΩFS	Range Range		T With Test report	
31 501ΩFS to 10kΩFS	50 to 100% FS 0 to 50% FS		Code Power Supply	
19 0 to 343Ω (1kΩFS)	$\pm 20\%$ FS $\pm 20\%$ FS (FS = 343Ω) (FS = 343Ω)		A 100 to 240Vac ±10% 50/60Hz D 24Vdc ±10%	
99 Contact us for other than	··· / ·· /	Code Output 1	Resistance *2 10.8 to 30Vdc	
*1			δ0Ω or less 8 110Vdc ±10% (Ω or less • • •	
		D 0 to 1mAdc 1	5kΩ or less Code Output 2 Allowable Load	
★ Note: Zero & Span The measuring range must			5kΩ or less Code Output 2 Resistance 50Ω or less A I4 to 20mAdc 550Ω or less	
total resistance of a potentio	-	H 1 to 5Vdc 1	Ω or more D 0 to 1mAdc 11k Ω or less	
Ū S	H	J 0 to 10mVdc 10 K 0 to 100mVdc 10	OkΩ or more G 0 to 20mAdc 550Ω or less 00kΩ or more H 1 to 5Vdc 1kΩ or more	
			$\alpha \Omega$ or more L 0 to 1Vdc 1k\Omega or more	
-A-→-BB	►C►		Ω or more P 0 to 10Vdc 2kΩ or more Ω or more R ±10Vdc 2kΩ or more	
D	100%	Contact us for othe	contact us for other than the above	
A: Out of Range, lower		S *1 Current output 20		
B: Measuring range C: Out of Range, upper	side resistance	Voltage output 10	V or less Voltage output 10V or less	
D: Total resistance of a	Potentiometer			
A procedure for adjustment, adjust Zero first, and then adjust the Span. *1CE approval do not adapt input range code 99 and output range code S. *2CE approval do not adapt when power supply is 10.8Vdc to 30Vdc.				
Specifications	3		Terminal connections	
Innut cignal	3-wire type potensiometer		No Symbol Description	
Input signal Accuracy	±0.1% FS (at 23°C)			
Response time	Approx. 25ms (0 to 90%)		6 5 4 2 OUTPUT-2 + No.2 Output	
Allowable load	Current output First output : 15V or less	of voltage drop between out	put 3 INPUT SLIDE Input	
	Second output : 11V or less	0 1	put 5 OUTPUT-2 - No.2 Output	
	Voltage output		Image: Constraint of the state of	
	Load current 5mA or less *1µA or less if the output is	less than 1V FS		
Span adjustment	50 to 100% of rated input (25 t			
	(±20% for input 19)	, 	10 POWER U(+) Power Supply	
Zero adjustment Operating temperature	0 to 50% of span (±20% for inp -5 to +55°C	Jul 19)		
Operating relative humidity	90% or less (Non-condensing)			
Temperature coefficient	±0.015% of span per °C	offu whon you order for down	Demensions	
Burnout protection Isolation	Upscale / downscale *Please spe Between input, output, and por		DIN rail Base	
Insulation resistance	100MΩ or more with 500Vdc n	negger	35 mm socket 6 width	
Dielectric strength	Between input, output, and pov 3000Vac for 1 min between powe		nal, reference in the second s	
	2000Vac for 1 min between input			
Power consumption	Approx. 5.6VA (AC), Approx. 8			
Power supply variation Dimensions	±0.1% FS (within the range of 84(H) X 29.5(W) X 106.5(D)m			
Weight	Approx. 150g			
Structure	Plug-in (Body part and socket	· · ·		
Connection	M3 SEMS screw part of the base DIN rail or wall surface	socket (Tightening torque 0.6N	I I I I I I I I I I I I I I I I I I I	
Mounting Case color and material	Ivory, ABS resin, flame retarda	nt grade UL94V-0		
EMC directive	EN61326-1, EN61010-1, EN IE	EC 63000		
Poted altitude	Installation category : II, Polluti	on degree : 2	* Chapification is subject to share with a start's	
Rated altitude	2000m or less		* Specification is subject to change without notice	

Watanabe Electric Industry Co. Ltd.