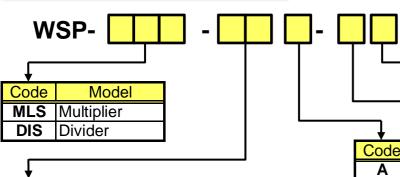
Multiplier / Divider





Ordering code



Code Input Input Resistance **10** 0 to 10mVdc 1MΩ 11 0 to 100mVdc 1MΩ **12** 0 to 1Vdc 1MΩ 13 0 to 5Vdc 1MΩ 1MΩ 14 1 to 5Vdc **15** 0 to 10Vdc 1MΩ 0 to 50mVdc 16 1MΩ 17 0 to 60mVdc 1MΩ 0 to 1mAdc 50Ω 32 **33** 0 to 10mAdc 50Ω **34** 0 to 16mAdc 50Ω 50Ω **35** 0 to 20mAdc 50Ω **36** 4 to 20mAdc Contact us for other than the above Full Scale Range: 99

Current input 1mA to 20mA *1 Voltage input 10mV to 10V

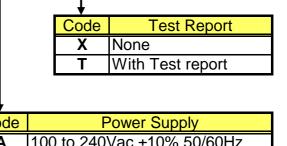
↓ ↓					
Code	Output	Allowable Load			
Α	4 to 20mAdc	750Ω or less			
D	0 to 1mAdc	15kΩ or less			
	Accuracy ±1.6% FS				
G	0 to 20mAdc	750Ω or less			
H 1 to 5Vdc 2.5kΩ or mo		2.5kΩ or more			
L	0 to 1Vdc 500Ω or more				
Ν	0 to 5Vdc 2.5kΩ or more				
Р	0 to 10Vdc 10kΩ or more				
S * 1	Contact us for other than the above				
	Current output 20mA or less				
	Voltage output 10V or less				

of visosity or density.

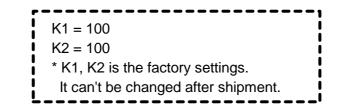
Features

★ Long operationg time

★ CE approved



Code Power Supply				
Α	100 to 240Vac ±10% 50/60Hz			
D	24Vdc ±10%			
8	100 to 120Vdc ±10%			



*1···CE approval do not adapt input range code 99 and output range code S.

This compact plug-in converter (isolator) receives two analog input and

★ Dielectric strength of 2000Vac between input, output and power supply

For example, WSP-MLS/DIS can be used for the calculation of temperature correction

outputs a signal in proportion to their product or quotient.

 \star Both AC and DC power supply are available

★ Easy maintenance by plug-in structure

Specifications

Equation

Terminal connections

<multiplier></multiplier>
Output = (K1/100 x Input 1) x (K2/100 x Input 2)
K1, K2 : Specified in the range of 0.1-100.0% (standard 100%)

$\left[-\right]$			No	Signal	Description
ΙUΙ	$\Phi \mathbb{O}$		1	No.1 INPUT(+)	No.1 Input
8	6		4	No.1 INPUT(-)	No. i input
Ĕ		4	No.2 INPUT(-)	No 2 Input	

	<divider></divider>		
	Output = (K2/100 x Input 2) / (K1/100 x Input 1)		
	But, K1/100 x Input 1 > K2/100 x Input 2		
	K1 K2 · Specified in the range of 10 0-100 0% (standard 100%)		
Accuracy	Multiplier : ±0.1% FS (at 23°C)		
	Divider : ±0.2% FS (at 23°C)		
	*99, S code depends on span		
Response time	Approx. 100ms (0 to 90%)		
Allowable load resistance	Current output		
	15V or less of voltage drop		
	Voltage output		
	Load current 2mA or less		
	For 1V FS or less of output the current is 1mA or less		
Zero & span adjustment	±10% FS (Front switch)		
Operating temperature	-5 to +55°C		
Operating relative humidity	90% or less (non-condensing)		
Temperature coefficient	±0.015% FS of span per °C		
Isolation	Between input, output, and power supply		
Insulation resistance	100M Ω or more with a 500Vdc megger		
	Between input, output, and power supply terminal		
Dielectric strength	2000Vac for 1 minute		
Power consumption	A : 100 to 240Vac ±10% Approx. 5.5VA		
	D : 24Vdc ±10% Approx. 100mA		
	8 : 100 to 120Vdc ±10% Approx. 25mA		
Power supply variation	±0.1% FS (within the range of rated voltage)		
Dimensions	84(H) X 23(W) X 106.5(D)mm		
Weight	Approx. 150g		
Structure	Plug-in		
Connection	M3 SEMS screw part of the base socket		
Material of terminal screw	Chromated iron		
Case color and material	Ivory, heat-resistant ABS resin(94V-0)		
Applicable Directive	EN61326-1, EN61010-1, EN IEC 63000		
	Installation category : II, Pollution degree : 2		
Mounting	DIN rail or wall surface		

	5	No.2 INPUT(+)	No.2 mput
	8	NC	No connection
	9	OUTPUT(+)	Output
	12	OUTPUT(-)	Output
	13	POWER U(+)	Power Supply
	14	POWER V(-)	Fower Supply
(12) (Q)			

* Specification is subject to change without notice

Watanabe Electric Industry Co. Ltd.