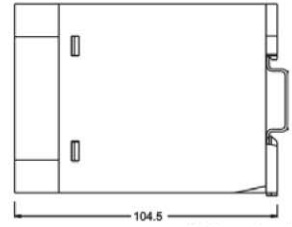
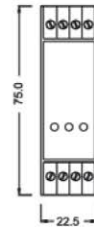


ANALOG SIGNAL CONVERTERS / ISOLATORS



All dimensions in mm

AUX SUPPLY	24VDC, 100mA maximum , Range : 18-32VDC , Ripple : 1.0 Volt P-P max												
OPERATING AMBIENT	15~35°C, 95% RH non-condensing.												
STORAGE TEMPERATURE	-20°C to 85°C												
ISOLATION	Between I/P & O/P, 1.5KVAC Between I/P & Aux Supply, 1.5KVAC Between O/P & Aux Supply, 1.5KVAC												
INDICATION	Power on LED												
ADJUSTMENT	Zero & Span adjustments on front												
RESPONSE TIME	< 15 ms												
INPUT	DC Voltage			Current (mA DC)			Thermocouple J / K Type			RTD - PT100			
OUTPUT	<ul style="list-style-type: none"> • 0-10VDC, 20mA maximum • 4-20mA, 500Ω load maximum 												
ACCURACY	+/- 0.2% of Full Scale			+/- 0.2% of Full Scale			+/- 0.3% of Full Scale, + Thermocouple linearity error, +/- Cold junction compensation of 2°C			+/- 0.3% of Full Scale			
For standard products, accuracy specified is for 15~35°C ambient. Add suffix -ET (Extended Temperature) to the order code for 0~50°C ambient.													
INPUT IMPEDANCE	10V : 100K Ohm			20mA : 10 Ohm			-			-			
MAX. INPUT	100V			30mA			10VDC			1VDC			
PROTECTION	Output short circuit current = 30mA max												
CONNECTION DIAGRAM													
Refer Note													
ORDERING INFORMATION	Input	Output	Order Code	Input	Output	Order Code	Input	Output	Order Code	Input	Output	Order Code	
	0-20 mV	0-10VDC 4-20mA	AS746-101 AS746-102	0-20 mA	0-10VDC 4-20mA	AS746-151 AS746-152	K type, 0-300°C	0-10VDC 4-20mA	AS746-201 AS746-202	PT-100, -100 to +100°C	0-10VDC 4-20mA	AS746-301 AS746-302	
	0-75 mV	0-10VDC	AS746-103	4-20mA ⁽¹⁾	0-10VDC	AS746-153	K type, 0-400°C	0-10VDC	AS746-203	PT-100, -50 to +50°C	0-10VDC	AS746-303	
		4-20mA	AS746-104		4-20mA	AS746-154		4-20mA	AS746-204		4-20mA	AS746-304	
	0-1 VDC	0-10VDC	AS746-105	4-20mA ⁽¹⁾	0-5VDC	AS746-601	K type, 0-500°C	0-10VDC	AS746-205	PT-100, 0-100°C	0-10VDC	AS746-305	
		4-20mA	AS746-106		Note 1- Voltage across S+, S - : 15 – 18VDC (25mA max)			4-20mA	AS746-206		4-20mA	AS746-306	
	0-2 VDC	0-10VDC	AS746-107				K type, 0-600°C	0-10VDC	AS746-207	PT100, 0-200°C	0-10VDC	AS746-307	
		4-20mA	AS746-108					4-20mA	AS746-208		4-20mA	AS746-308	
	0-2.5 VDC	0-10VDC	AS746-109				K type, 0-800°C	0-10VDC	AS746-209	PT-100, 0-300°C	0-10VDC	AS746-309	
		4-20mA	AS746-110					4-20mA	AS746-210		4-20mA	AS746-310	
	0-5 VDC	0-10VDC	AS746-111	Thermocouple J / K Type			K type, 0-1000°C	0-10VDC	AS746-211	PT100, 0-400°C	0-10VDC	AS746-311	
		4-20mA	AS746-112					4-20mA	AS746-212		4-20mA	AS746-312	
	-3/0 to +10VDC	-3/0 to +10VDC	AS746-113	Input	Output	Order Code	K type, 0-1200°C	0-10VDC	AS746-213	PT-100, 0-500°C	0-10VDC	AS746-313	
	0-10 VDC	4-20mA	AS746-114	K type, -200 to +200°C	0-10VDC 4-20mA	AS746-215 AS746-216	J type, 0-300°C	0-10VDC 4-20mA	AS746-214 AS746-216		PT-100, 0-600°C	0-10VDC 4-20mA	AS746-314 AS746-315
	0-15 VDC	0-10VDC	AS746-602	K type, -100 to +100°C	0-10VDC 4-20mA	AS746-217 AS746-218	J type, 0-500°C	0-10VDC 4-20mA	AS746-217 AS746-218	PT-100, 0-700°C	0-10VDC 4-20mA	AS746-317 AS746-318	
				K type, 0-100°C	0-10VDC 4-20mA	AS746-219 AS746-220	J type, 0-700°C	0-10VDC 4-20mA	AS746-219 AS746-231	PT-100, 0-800°C	0-10VDC 4-20mA	AS746-319 AS746-320	
				K type, 0-200°C	0-10VDC 4-20mA	AS746-221 AS746-222	J type, 0-800°C	0-10VDC 4-20mA	AS746-232 AS746-233	PT-100, -50 to +200°C	0-10VDC 4-20mA	AS746-321 AS746-322	
	For standard products, accuracy specified is for 15~35°C ambient. Add suffix -ET (Extended Temperature) to the order code for 0~50°C ambient.												