

# PA6110/6210



### STANDARD CAPACITY :

5, 10, 25, 50, 100, 150, 200, 250, 500, 750 lb  
 1, 1.5, 2, 2.5, 3, 5, 10, 15, 20 klb  
 2.5, 5, 15, 25, 50, 70, 100, 150, 250, 300 kg  
 0.5, 0.7, 1, 1.5, 2, 2.5, 5, 7, 10, 20 t

### WIRING:

RED +INPUT GREEN +OUTPUT  
 BLACK -INPUT WHITE -OUTPUT  
 4 COLOR SHIELD CABLE 20FT(6m)

### ● Specifications

Rated output	2.95~3.05mV/V
Accuracy class	0.03 0.05 C3
Non-linearity	0.03%F·S
Hysteresis	0.03%(PA6110) 0.05%(PA6210)
Non-repeatability	0.02%F·S
Creep in 30 minutes	0.03%F·S
Temperature effect span	15 PPM /°C of Applied Load
Temperature effect zero	26 PPM /°C of Applied Load
Compensated temperature range	-10°C~40°C
Operating temperature range	-40°C~65°C
Zero balance	± 1%F·S
Input resistance	385 ± 15Ω
Output resistance	350 ± 3Ω
Safe overload	150%F·S
Ultimate overload	300%F·S
Excitation voltage	10VAC/DC
Maximum excitation voltage	15VAC/DC
Insulation resistance	≥ 5000MΩ (50V DC)
Environmental protection	IP67
Material	Alloy tool steel(PA6110 ) Stainless steel(PA6210)

※All specifications are a maximum as a%( ± ) of full load, otherwise stated.

(inch/mm)

Capacity	A	B	H	D
50~50lb	2.00	0.50	2.50	1/4-28UNF-2B
100~200lb	2.00	0.50	3.00	1/4-28UNF-2B
250lb	2.00	0.75	3.00	3/8-24UNF-2B
500~1500lb	2.00	0.75	3.00	1/2-20UNF-2B
2~3klb	2.00	1.00	3.00	1/2-20UNF-2B
5~10klb	3.00	1.00	4.25	3/4-16UNF-2B
15klb	4.00	1.25	5.50	1-14UNF-2B
20klb	5.00	2.00	7.00	1¼-12UNF-2B
2.5~25kg	51	12	63	M6
50~70kg	51	12	75	M6
100~700kg	51	19	75	M12
1~1.5t	51	25	75	M12
2~5t	76	25	108	M20X1.5
7t	102	32	140	M20X1.5
10t	127	50	178	M30X2
20t	160	60	190	M36X3

