

TECHNICAL CHARACTERISTICS		PX 120	PX 110
Network type	single-phase and three-phase 3 balanced wire (T3FE)		Single-phase
Number of counts	3 lines of 4 digits (14 mm)		3 lines of 4 digits (14 mm)
Bandwidth	DC to 1 kHz		DC to 1 kHz
Active power			
Range	10 W to 1 kW – 1 kW to 6 kW		10 W to 1 kW – 1 kW to 6 kW
Resolution	0.1 W – 1 W		0.1 W – 1 W
Basic AC / DC accuracy	1.5% R ± 2 digits / 2.5% R ± 5 digits		1.5% R ± 2 digits / 2.5% R ± 5 digits
Apparent/reactive power*			
Range	10 to 1 k – 1k to 6 k		10 to 1 k – 1k to 6 k
Resolution / Basic accuracy VA	1.5% R ± 2 digits / 1% R ± 2 digits		1.5% R ± 2 digits / 1% R ± 2 digits
Resolution / Basic accuracy VAR	2% R ± 2 digits		2% R ± 2 digits
Power factor			
Range	1.00		1.00
Resolution	0.01 / 3% R ± 2 digits		0.01 / 3% R ± 2 digits
Voltage			
Range	0.5 to 600 V RMS		0.5 to 600 V RMS
Resolution	100 mV		100 mV
Basic AC/DC accuracy	0.5% R ± 2 digits / 1% R ± 3 digits		0.5% R ± 2 digits / 1% R ± 3 digits
Input impedance	1 MΩ		1 MΩ
Current			
Range	10 mA to 2 A - 2 A to 10 A RMS		10 mA to 2 A - 2 A to 10 A RMS
Resolution	1 mA – 10 mA		1 mA – 10 mA
Basic AC/DC accuracy	0.7% R ± 5 digits / 1.5% R ± 5 digits		0.7% R ± 5 digits / 1.5% R ± 5 digits
Starting current			
Range	5 A – 65 A (peak)		5 A – 65 A (peak)
Resolution / Accuracy	100 mA / 10% R ± 2 digits		100 mA / 10% R ± 2 digits

*Apparent power = VA – reactive power = VAR – In three-phase, the measurement is only exact for sinusoidal signals.

GENERAL CHARACTERISTICS		PX 120	PX 110
Interfaces and software	yes		yes
Operating temperature	0 to 50°C		0 to 50°C
Storage temperature	-40 to 70°C		-40 to 70°C
Power supply	6 batteries of 1.5 V (LR6) / mains		6 batteries of 1.5 V (LR6) / mains
Autonomy	40 hours		40 hours
Dimensions (depth x length x height)	60 x 108 x 211 mm		60 x 108 x 211 mm
Weight	835 g		835 g
IEC 61010 safety standard	600 V, Cat. III, pollution level 2		600 V, Cat. III, pollution level 2
Guarantee	1 year		1 year