




eScalia technical features

eScalia version	A	B	Terminal	
				
OIML accuracy	non automatic. automatic.	III i IV A i B	III A i B	
Case	Stuff Dimension Mounting Weight Protection class	Plastic ABS (UL94HB) 240x120x90mm wall, prop.desc 2.0kg IP65	Plastic ABS (UL94HB) 240x120x90mm wall, prop.desc 2.5kg IP54	
Screen	Type Size Resolution Colors	TFT-LCD Touch 4.3" 480x272 15bit RGB	VGA TFT-LCD 15"/17" 1024x768 18bit RGB	
Digital	Processors RAM Operating memory Data memory EEPROM OS	Marwel PXA-320+Atmel 64MB SDRAM 32bit 32MB 1-4 GB compact flash 2KB Windows CE5.0	Marwel PXA-320+Atmel 64MB SDRAM 32bit 1GB 1-4 GB compact flash 2KB Windows CE6.0	
Interface	Ethernet USB Serial ports	TCP/IP 10/100Mb 1 (optional 4) RS232 (optional 485) RS485 modbus	TCP/IP 10/100Mb 1 (optional 4) RS232 (optional 485) RS485 modbus	
Keyboard		Membrane panel (35 keys) + Touch Screen (virtual)	PC keyboard (115 keys) optical mouse	
Temperature	operating storage	-10oC do +40oC -20oC do +70oC	+5oC do +40oC -10oC do +70oC	
Humidity		0-90%	0-90%	
Power supply	AC DC	175V - 240V 50+/-1Hz 12V-24V	175V - 240V 50+/-1Hz 12V-24V	
Consumption		5VA max	50VA max	
I/O	Outputs (per module) (opto isolated+relays) max Inputs (per module) (opto+open collector) max I/O voltage	4 8 8 16 External 24V DC (opt. 12V)	- - 8 16 External 24V DC (opc. 12V)	
Analog	Load receptors Weighing range Load cell exitation (per modul) Rmin Rmax Divisions Internal resolution A/D resolution Sensitivity Multi range Cable Cable length Wires TK0 TKc A/D speed Display rate External modules	1 Min 2.5mV (0.5mV/V) Max 20mV (4mV/V) 5.0V DC, +/- 0.2V 42 Ohm 2K 5000d (2.5mV<Uul<5mV) 10000d (5mV<Uul<20mV) 100000 16777216 min. 0.5uV/ d max 40uV/d 2 (d2>d1, d2=<5d1) LyCy 6x0.25 – 6x0.75 max 100m (4 wire) 6 (opt. 4) <0.8e/5oC max 0.32%/10000d 25-40 weight/sec 22 weight/sec 1	1 (opciono 2) Min 2.5mV Max 20mV 5.0V DC, +/- 0.2V 42 Ohm per module 2K 5000d (2.5mV<Uul<5mV) 10000d (5mV<Uul<20mV) 100000 16777216 min. 0.5uV/ d max 40uV/d 2 (d2>d1, d2=<5d1) LyCy 6x0.25 – 6x0.75 max 100m (4 wire) 6 (opt 4) <0.8e/5oC max 0.32%/10000d 25-40 weight/sec 13-20 weight/sec max 10	1 (opciono 2) Min 2.5mV Max 20mV 5.0V DC, +/- 0.2V 42 Ohm per module 2K 5000d (2.5mV<Uul<5mV) 10000d (5mV<Uul<20mV) 100000 16777216 min. 0.5uV/ d max 40uV/d 2 (d2>d1, d2=<5d1) LyCy 6x0.25 – 6x0.75 max 100m (4 wire) 6 (opt 4) <0.8e/5oC max 0.32%/10000d 25-40 weight/sec 18-20 weight/sec optional 2
Features	non automatic cont. and discon. totalizing filling ZeroTrack Initial Zero StartUp time	Yes No Yes Yes (programmable) +/-10% or Off max 15min	No Yes Yes Yes (programmable) +/-10% or Off max 15min	
Printers	Bixolon EPSON Toshiba TEC VideoJet Citizen Other	All All SX serie Excel serie CLP serie On request	All All SX serie Excel serie CLP serie On request	