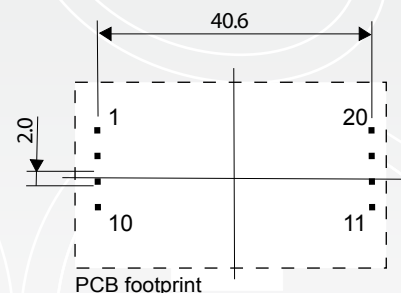
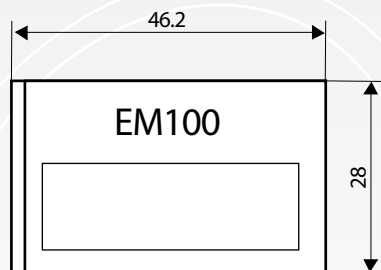




# EM100

Rev .01



Medidas em mm

## PARAMETROS

Interface Ethernet	Ethernet 10 Base T, con aislamiento magnético integrado
Interface Serial y Pinos I/O	Nivel CMOS; TX, RX y 6 I/O adicionales (RTS, CTS, DTR, DSR)
Buffer de enrutamiento	510 bytes x 2
Máx. corriente de pino I/O	10 mA
Alimentación	5 VDC, +/- 5%, 40 mA
Temperatura (ambiente)	-10° a 70°C
Humedad relativa	10 - 90%
Dimensión	46.2mm x 28mm x 13mm
Encapsulamiento	Plástico

PINOS	NOMBRE	FUNCION
1	RX-	Input. Ethernet
2	RX+	Input. Ethernet
3	VCC	Input. 5V nominal, +/-5%, 40mA
4	L1 (ER)	Output. LED 1 (red Ethernet status LED)
5	L2 (EG)	Output. LED 2 (green Ethernet status LED)
6	L3 (SG)	Output. LED 3 (green status LED)
7	L4 (SR)	Output. LED 4 (red status LED, Watchdog reset line)
8	GND	Ground
9	TX-	Output. Ethernet
10	TX+	Output. Ethernet
11	RST	Input. Reset (ativo alto)
12	PO	Input/ Output. (GPIO)
13	P1	Input/ Output. (GPIO)
14	MD	Input. Pino de selección
15	RX	Input. Serial
16	TX	Output. Serial
17	P4 (CTS/SEL)	*(Input)/ Output. GPIO *(Clear to send input Full/half-duplex selection input)
18	P5 (RTS/DIR)	Input/ *(Output). GPIO *Request to send output (full-duplex mode) Data direction control output (half-duplex mode)
19	P2 (DSR)	Input/ *(Input). GPIO *(Data set ready input)
20	P3 (DTR)	Input/ Output *(Output). GPIO *(Data terminal ready output)