

## expertmodules™

### Communication Modules

SATEC meters can incorporate dual communications and/or expanded I/O capabilities with one add on expansion module.

DESCRIPTION:	RS232/422/485	Ethernet	Ethernet-DIN	3G Modem
				
<b>METER MODEL</b>	EM132/133	EM132/133	EM132/133	EM132/133
	EM133-AR	EM133-AR	EM133-AR	EM133-AR
	EM133-XM	EM133-XM	EM133-XM	EM133-XM
	PM130/135	PM130/135		PM130/135
<b>DIMENSIONS</b> (H x W x D)	72x46x34mm	72x46x34mm	90x30x75mm	72x46x34mm
<b>ORDER CODE:</b>	RS232	ETH	ETH-DIN	T3G

DESCRIPTION:	3G Modem-DIN	3G Modem - DIN with 2 Analogue Inputs	4G Modem - DIN	WiFi
	 * x = T (top antenna) or F (front antenna)	 * x = T (top antenna) or F (front antenna)	 * x = T (top antenna) or F (front antenna)	
<b>METER MODEL</b>	EM132/133	EM132/133	EM132/133	EM132/133
	EM133-AR	EM133-AR	EM133-AR	EM133-AR
	EM133-XM	EM133-XM	EM133-XM	EM133-XM
<b>DIMENSIONS</b> (H x W x D)	90x30x75mm	90x30x75mm	90x30x75mm	72x46x34mm
<b>ORDER CODE:</b>	* T3G-x	* T3G-x-2AI	* T4G-x	WiFi

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### Communication Protocol Modules




SATEC meters can incorporate dual communications and/or expanded I/O capabilities with one add on expansion module.





DESCRIPTION:	Profibus	CAN-Bus		
				
<b>METER MODEL</b>	EM132/133	EM132/133		
	EM133-AR	EM133-AR		
	EM133-XM	EM133-XM		
	PM130/135	PM130/135		
<b>DIMENSIONS</b> (H x W x D)	72x46x34mm	72x46x34mm		
<b>ORDER CODE:</b>	PRO	CAN		

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### Input/Output Modules

SATEC meters can incorporate dual communications and/or expanded I/O capabilities with one add on expansion module.

DESCRIPTION:	4 Digital Inputs & 2 Relay Outputs	4 Digital Inputs & 2 Digital Outputs	4 Digital Inputs with Battery BackUp for TOU	8 Digital Input
				
<b>METER MODEL</b>	EM132/133	EM132/133		EM132/133
	EM133-AR	EM133-AR		EM133-AR
	EM133-XM	EM133-XM		EM133-XM
	PM130/135	PM130/135	PM130/135	PM130/135
<b>DIMENSIONS</b> (H x W x D)	72x46x34mm	72x46x34mm	72x46x34mm	72x46x34mm
<b>ORDER CODE:</b>	DIOR	DIOS	TOD	8DI

DESCRIPTION:	12 Digital Inputs & 4 Relay Outputs	12 Digital Inputs & 4 Relay Outputs with RS485 Comms	12 Digital Inputs & 4 Relay Outputs with Ethernet Comms	4 Analogue Outputs
				
	xxx = Dry or Wetted Contact Options			x = Analogue Output Options
<b>METER MODEL</b>	EM132/133	EM132/133	EM132/133	EM132/133
	EM133-AR	EM133-AR	EM133-AR	EM133-AR
	EM133-XM	EM133-XM	EM133-XM	EM133-XM
	PM130/135	PM130/135	PM130/135	PM130/135
<b>DIMENSIONS</b> (H x W x D)	95x77x45mm	95x77x45mm	95x77x45mm	72x46x34mm
<b>ORDER CODE:</b>	12DIOR-xxx	12DIOR-xxx-485	12DIOR-xxx-ETH	AOx