ATM90E26 Energy Interrupt status LEDs

MODE Switch

SET Switch

RESET Switch (* Reset Energy meter and ESP32)

WiFi Status LED

Meter Run Mode LED

Meter Fault Status LED

MODBUS Communication Status LED

IDC Connector to Main Board

ESP32 PIN Connection (Front Panel SM-FE102M)

ESP32 Pin No	Pin Name	Pin Fuction
4	(SENSOR_VP) GPIO36	SET input Switch
5	(SENSOR_VN) GPIO39	ATM90E26 IRQ Interrupt
6	GPIO34	ATM90E26 WarnOut: Fatal Error Warning Interrupt
7	GPIO35	ATM90E26 CF1: Active Energy Pulse Output Interrupt
8	GPIO32	ATM90E26 ZX: Voltage Zero-Crossing Output Interrupt
9	GPIO33	MODE input Switch
10	GPIO25	ATM90E26 CF2: Reactive Energy Pulse Output Interrupt
13	GPIO14	WiFi LED
14	GPIO12	RUN LED
23	GPIO15	MODBUS LED
24	GPIO2	FAULT LED