



SINGLE CABLE OPTION WITH WATERPROOF CONNECTOR BETWEEN CALCULATOR AND 30A CONTROLLER

This option includes mounting a 6-pin connector on the ECU for the 4 wires of the UART connection as well as for the 5V DC power supply to the ECU. The cable is a 20 AWG 6-conductor cable (length: C6P3M = 3 m, C6P5M = 5 m, C6P9M = 9 m).



Function	Computer CR		Cable from the 30A controller to the computer		
	Wire color in computer	F Connector base pin number	M Connector pin number	Cable Wire color	Function
UART +3.3V	Red	1	1	Orange	UART +3.3V
UART TX to RX	Green	2	2	Yellow	UART RX to TX
UART RX to TX	Yellow	3	3	Green	UART TX to RX
UART GND	Black	4	4	White	UART GND
POWER +5V	Red	5	5	Red	POWER +5V
POWER GND	Blue	6	6	Black	POWER GND

