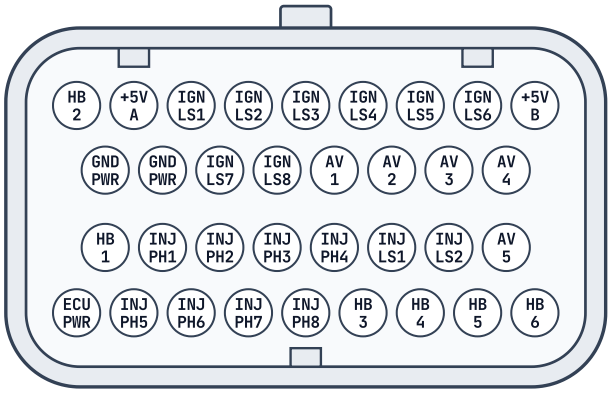
MoTeC M130 pinout

ecurecovery.com/pinouts/motec/m130 · Every pin checked against 3 MoTeC documents · data checked 2026-11-01

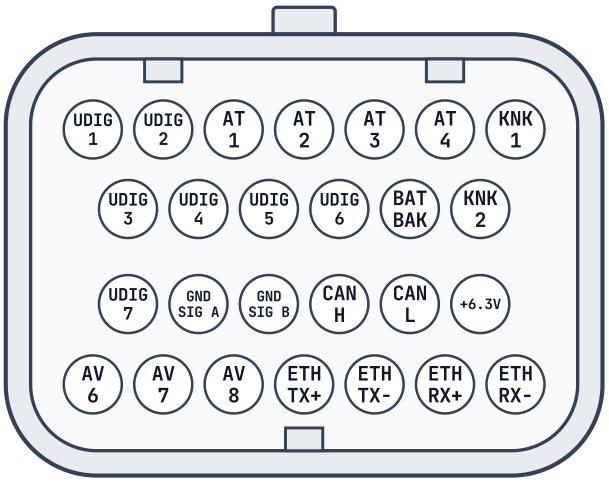
Connector A · 34-pin

CAVITY NUMBERS AS TE CONNECTIVITY, THE PLUG'S MAKER, DRAWS THEM



Connector B · 26-pin

CAVITY NUMBERS AS TE CONNECTIVITY, THE PLUG'S MAKER, DRAWS THEM



MoTeC M130 connector A pinout (34-pin)

Mating connector: Tyco Superseal 34 Position Keying 1 – MoTeC #65044

Pin	Function	MoTeC note
A01	Half Bridge Output 2 (OUT_HB2)	
A02	Sensor 5.0V A (SEN_5V0_A)	
A03	Low Side Ignition 1 (IGN_LS1)	
A04	Low Side Ignition 2 (IGN_LS2)	
A05	Low Side Ignition 3 (IGN_LS3)	
A06	Low Side Ignition 4 (IGN_LS4)	
A07	Low Side Ignition 5 (IGN_LS5)	
A08	Low Side Ignition 6 (IGN_LS6)	
A09	Sensor 5.0V B (SEN_5V0_B)	
A10	Battery Negative (BAT_NEG1)	
A11	Battery Negative (BAT_NEG2)	
A12	Low Side Ignition 7 (IGN_LS7)	
A13	Low Side Ignition 8 (IGN_LS8)	
A14	Analogue Voltage Input 1 (AV1)	
A15	Analogue Voltage Input 2 (AV2)	
A16	Analogue Voltage Input 3 (AV3)	
A17	Analogue Voltage Input 4 (AV4)	
A18	Half Bridge Output 1 (OUT_HB1)	
A19	Peak Hold Injector 1 (INJ_PH1)	
A20	Peak Hold Injector 2 (INJ_PH2)	
A21	Peak Hold Injector 3 (INJ_PH3)	
A22	Peak Hold Injector 4 (INJ_PH4)	
A23	Low Side Injector 1 (INJ_LS1)	
A24	Low Side Injector 2 (INJ_LS2)	
A25	Analogue Voltage Input 5 (AV5)	
A26	Battery Positive (BAT_POS)	
A27	Peak Hold Injector 5 (INJ_PH5)	
A28	Peak Hold Injector 6 (INJ_PH6)	

Pin	Function	MoTeC note
A29	Peak Hold Injector 7 (INJ_PH7)	
A30	Peak Hold Injector 8 (INJ_PH8)	
A31	Half Bridge Output 3 (OUT_HB3)	
A32	Half Bridge Output 4 (OUT_HB4)	
A33	Half Bridge Output 5 (OUT_HB5)	
A34	Half Bridge Output 6 (OUT_HB6)	

MoTeC M130 connector B pinout (26-pin)

Mating connector: Tyco Superseal 26 Position Keying 1 – MoTeC #65045

Pin	Function	MoTeC note
B01	Universal Digital Input 1 (UDIG1)	
B02	Universal Digital Input 2 (UDIG2)	
B03	Analogue Temperature Input 1 (AT1)	1k Pullup to SEN_5V_B
B04	Analogue Temperature Input 2 (AT2)	1k Pullup to SEN_5V_B
B05	Analogue Temperature Input 3 (AT3)	1k Pullup to SEN_5V_A
B06	Analogue Temperature Input 4 (AT4)	1k Pullup to SEN_5V_A
B07	Knock Input 1 (KNOCK1)	
B08	Universal Digital Input 3 (UDIG3)	
B09	Universal Digital Input 4 (UDIG4)	
B10	Universal Digital Input 5 (UDIG5)	
B11	Universal Digital Input 6 (UDIG6)	
B12	Battery Backup (BAT_BAK)	
B13	Knock Input 2 (KNOCK2)	
B14	Universal Digital Input 7 (UDIG7)	
B15	Sensor 0V A (SEN_0V_A)	
B16	Sensor 0V B (SEN_0V_B)	
B17	CAN Bus 1 High (CAN_HI)	
B18	CAN Bus 1 Low (CAN_LO)	
B19	Sensor 6.3V (SEN_6V3)	
B20	Analogue Voltage Input 6 (AV6)	
B21	Analogue Voltage Input 7 (AV7)	
B22	Analogue Voltage Input 8 (AV8)	
B23	Ethernet Transmit+ (ETH_TX+)	Ethernet
B24	Ethernet Transmit- (ETH_TX-)	Ethernet Green
B25	Ethernet Receive+ (ETH_RX+)	Ethernet
B26	Ethernet Receive- (ETH_RX-)	Ethernet Orange

Where this comes from

MoTeC datasheet

M130 ECU datasheet (MoTeC part 13130)

MoTeC product page (pinout tables)

MoTeC M130 product page, pinout tables (motec.com.au)

MoTeC hardware manual

M1 ECU Hardware (MoTeC tech note, 7 Nov 2013)

Plug drawing: TE Connectivity customer drawing (used for the drawing only) Third party

TE Connectivity customer drawing C-2-1437285-3, Superseal 1.0 34/26-position plug housings (copy hosted by Corsa Technic)