MS3Pro Mini pinout

ecurecovery.com/pinouts/ms3pro/mini · Every pin checked against 2 MS3Pro documents · data checked 2026-11-04

35-pin connector

MS3Pro's documents list the pins but do not draw the plug, so we do not draw it either.

MS3Pro Mini 35-pin connector pinout

Pin	Function
1	12V+ switched power in
2	+5V VREF out
3	PWM out 1 / Idle
4	Fuel pump out
5	Injector out A
6	Injector out B
7	Injector out C
8	Injector out D
9	Injector out E
10	Injector out F
11	Injector out G
12	Injector out H
13	Analog in 1
14	Analog in 2
15	Analog in 3
16	Analog in 4
17	Spark out A
18	Spark out B
19	Spark out C
20	Spark out D
21	Sensor ground
22	Power ground
23	Power ground
24	CAN Low
25	CAN High
26	CLT in
27	IAT in
28	TPS in
29	Digital switched in 1 / Flex fuel
30	CKP+
31	CKP-
32	CMP+
33	CMP-
34	Digital frequency in 1 (Hall)
35	Digital frequency in 2 (Hall)

Where this comes from

MS3Pro user manual (AMP EFI): connector pinout tables

AMP EFI MS3Pro Mini User Manual (firmware 1.6.1), 4.1 ECU connector pinout tables

MS3Pro wiring pinout card (AMP EFI)

AMP EFI MS3Pro Mini wiring pinout card