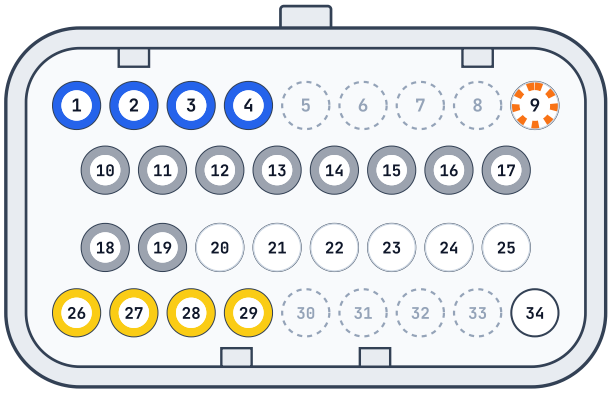
Emtron SL4 pinout

ecurecovery.com/pinouts/emtron/sl4 · Every pin checked against 2 Emtron documents · data checked 2026-11-04

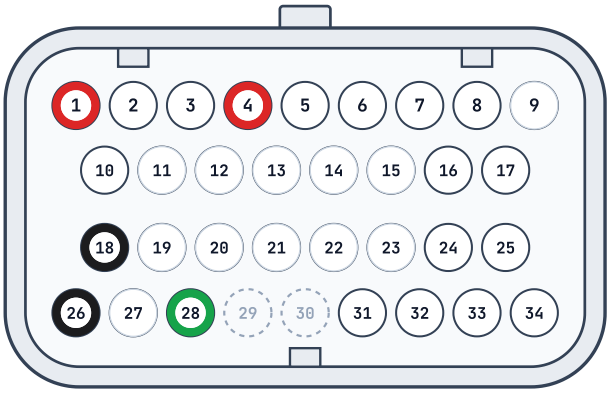
Connector A · 34-pin

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



Connector B · 34-pin

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



Emtron SL4 connector A pinout (34-pin)

Mating connector: TE AMP Superseal 1.0 4-1437290-1 (34 Way / Key 2)

Pin	Function	Wire	Emtron note
A1	Injection Channel 1	Blue	
A2	Injection Channel 2	Blue	
A3	Injection Channel 3	Blue	
A4	Injection Channel 4	Blue	
A5	Not used	-	
A6	Not used	-	
A7	Not used	-	
A8	Not used	-	
A9	Sensor Supply 8V	White/Orange	
A10	Auxiliary Output 1	Grey	
A11	Auxiliary Output 2	Grey	
A12	Auxiliary Output 3	Grey	
A13	Auxiliary Output 4	Grey	
A14	Auxiliary Output 5	Grey	
A15	Auxiliary Output 6	Grey	
A16	Auxiliary Output 7	Grey	
A17	Auxiliary Output 8	Grey	
A18	Auxiliary Output 9	Grey	
A19	Auxiliary Output 10	Grey	
A20	Digital Input 1	White	
A21	Digital Input 2	White	
A22	Digital Input 3	White	
A23	Digital Input 4	White	
A24	Digital Input 5	White	
A25	Digital Input 6	White	
A26	Ignition Channel 1	Yellow	
A27	Ignition Channel 2	Yellow	
A28	Ignition Channel 3	Yellow	
A29	Ignition Channel 4	Yellow	

Pin	Function	Wire	Emtron note
A30	Not used	-	
A31	Not used	-	
A32	Not used	-	
A33	Not used	-	
A34	Auxiliary Output 9-10, 14V Supply	-	

Emtron SL4 connector B pinout (34-pin)

Mating connector: TE AMP Superseal 1.0 4-1437290-0 (34 Way / Key 1)

Pin	Function	Wire	Emtron note
B1	ECU 14V Supply	Red	
B2	Sensor Supply Vref1: 5.0V	-	
B3	EFI Relay Output (Low Side 200mA)	-	
B4	Ignition Switch Input	Red	
B5	Crank Index Sensor +	-	2 core Shielded Cable (shared with B6)
B6	Crank Index Sensor -	-	2 core Shielded Cable (shared with B5)
B7	Sync Sensor +	-	2 core Shielded Cable (shared with B8)
B8	Sync Sensor -	-	2 core Shielded Cable (shared with B7)
B9	Shield (Crank/Sync/ Knock)	White	
B10	Analog Sensor 0V Reference	-	
B11	Analog Input Channel 1	White	
B12	Analog Input Channel 2	White	
B13	Analog Input Channel 3	White	
B14	Analog Input Channel 4	White	
B15	Analog Input Channel 5	White	
B16	Knock 1 +	-	2 core Shielded Cable (shared with B17)
B17	Knock 1 -	-	2 core Shielded Cable (shared with B16)
B18	ECU Ground	Black	
B19	Analog Input Channel 6	White	
B20	Analog Input Channel 7	White	
B21	Analog Input Channel 8	White	
B22	Analog Input Channel 9	White	
B23	Analog Input Channel 10	White	
B24	Knock 2 +	-	2 core Shielded Cable (shared with B25)
B25	Knock 2 -	-	2 core Shielded Cable (shared with B24)
B26	ECU Ground	Black	
B27	CAN 1H	White	
B28	CAN 1L	Green	
B29	Not used	-	
B30	Not used	-	
B31	Ethernet Tx +	-	
B32	Ethernet Tx -	-	
B33	Ethernet Rx +	-	
B34	Ethernet Rx -	-	

Where this comes from

Emtron pinout for this ECU

Emtron SL4 Pinout (Emtron Resource Centre)

Emtron wiring harness specification

Emtron SL Series Wiring Harness Specification

Emtron ECU comparison sheet (2018)

Emtron ECU comparison sheet (2018): injector / ignition channels per model

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)