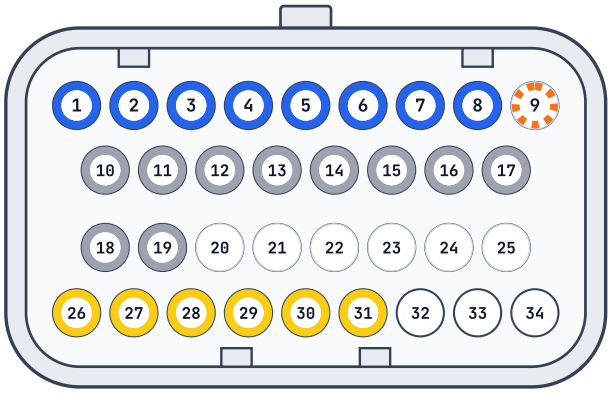
Emtron SL8 pinout

ecurecovery.com/pinouts/emtron/sl8 · Every pin checked against 2 Emtron documents · data checked 2026-11-04

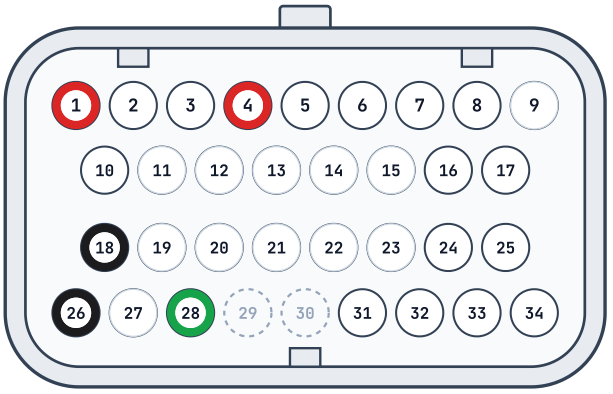
Connector A · 34-pin

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 SL8 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	Injection Channel 5	Blue	
A6	Injection Channel 6	Blue	
A7	Injection Channel 7	Blue	
A8	Injection Channel 8	Blue	
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	Ignition Channel 5	Yellow	
A31	Ignition Channel 6	Yellow	
A32	Ignition Channel 7	-	
A33	Ignition Channel 8	-	
A34	Auxiliary Output 9-10, 14V Supply	-	

Emtron SL8 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 SL8 Pinout (Emtron Resource Centre)

Emtron wiring harness specification

Emtron SL Series Wiring Harness Specification

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)