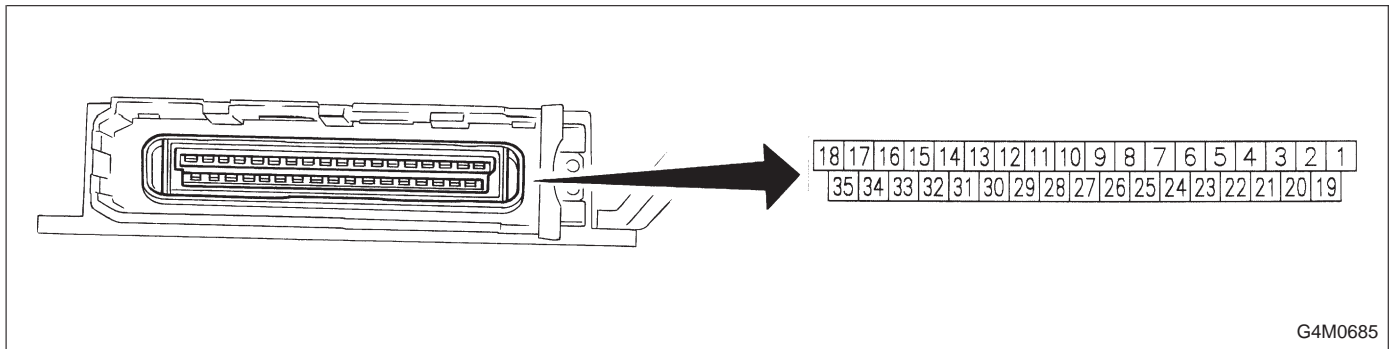


## 5. Control Module I/O Signal

### 1. I/O SIGNAL VOLTAGE



Contents		Terminal No.	Ignition switch ON, engine OFF	Input/output signals		
				Measured value	Measuring conditions	
A.B.S. sensor	Front left wheel	22	0 V	0.12 — 1 V	● No. 22 — No. 4 (When it is 10 Hz.)	
	GND	4				
	Front right wheel	23	0 V	0.12 — 1 V	● No. 23 — No. 21 (When it is 10 Hz.)	
	GND	21				
	Rear left wheel	8	0 V	0.12 — 1 V	● No. 8 — No. 9 (When it is 10 Hz.)	
	GND	9				
	Rear right wheel	24	0 V	0.12 — 1 V	● No. 24 — No. 26 (When it is 10 Hz.)	
	GND	26				
G sensor (AWD MT model)		13	10 — 12 V	0 V	When slanting about 14° — 21.3° (θ)	
Diagnosis connector		30	—	—	—	
		31				
Stop light switch		25	0 V	10 — 12 V	When brake pedal is depressed.	
Motor monitoring		14	0 V	10 — 12 V	When motor operates.	
Valve power supply monitoring		32	10 — 12 V	10 — 12 V	Ignition switch ON*1	
Hydraulic control unit	Solenoid	Front left wheel	2	10 — 12 V	0 V	When solenoid is energized to produce output.
		Front right wheel	35	10 — 12 V	0 V	
		Rear wheel	18	10 — 12 V	0 V	
	Valve relay coil		27	0 V	0 V	Ignition switch ON*2
	Motor relay coil		28	10 — 12 V	0 V	When motor operates to produce output.
Warning light		29	10 — 12 V	10 — 12 V	Ignition switch ON*3	
Power supply	Ignition	1	10 — 12 V	10 — 12 V	Ignition switch ON	
	Relay coil (valve, motor, etc.)	17	10 — 12 V	10 — 12 V	Ignition switch ON	
Grounding line		10	0 V	0 V	—	
		20	0 V	0 V	—	
		34	0 V	0 V	—	

\*1: When ignition switch is OFF or the A.B.S. system is inactive: 0 V

\*2: When ignition switch is OFF or the A.B.S. system is inactive: 10 — 12 V

\*3: When ignition switch is OFF or the A.B.S. system is inactive, or during 1.5 seconds from ignition switch ON: 0 V

2. I/O SIGNAL DIAGRAM

