

## Control Module I/O Signal

OCCUPANT DETECTION SYSTEM (DIAGNOSTICS)

### 6. Control Module I/O Signal

#### A: ELECTRICAL SPECIFICATION

##### CAUTION:

Never remove the occupant detection control module, occupant detection sensor or seat frame because they are integrated into one unit.

Terminal name	Terminal No.	Input/Output value	Remarks	
IG – power supply	9	9 — 16 V	When ignition switch ON	
Airbag control module communication (COM)	10	Open collector terminal	Communication line	
Airbag control module communication (GND)	5	0 V	Ground	
Belt tension sensor	(Vcc)	4	0 — 5 V	Belt tension sensor power supply
	(Vout)	16	0.5 — 4.5 V	Sensor output voltage
	(GND)	14	0 V	Sensor ground
Occupant detection sensor	(Vcc)	6	0 — 5 V	Pressure sensor power supply
	(Vout)	7	0.5 — 4.5 V	Sensor output voltage
	(GND)	15	0 V	Sensor ground
Buckle switch	1	0 — IG voltage	Ignition voltage when switch ON	
Buckle switch (GND)	2	0 V	Switch ground	

#### B: WIRING DIAGRAM

Refer to the electrical wiring diagram. <Ref. to WI-113, WIRING DIAGRAM, Seat Belt Warning System.>