

## PLEX uSDM-200 PINOUT – revC – Jan 2025

PIN	LABEL	Description	Notes
4	<b>+8-24V</b>	Power supply for the device	Connect to a switched +8-18V power source,0.3A max
3	<b>GND</b>	Ground supply the device	Connect to chassis/engine ground
2	<b>CAN HI</b>	CAN Port High signal	250kbit – 1.333Mbit speed, selectable 120R termination
1	<b>CAN LO</b>	CAN Port Low signal	
8	<b>+5V SENS</b>	+5V supply output for sensors	Protected, max 200mA
7	<b>SGND</b>	Ground supply output for sensors	Protected from over current
6	<b>IO1</b>	Ana / Dig / Freq Input   LS Aux Ouput	0-16V range
5	<b>IO2</b>	Ana / Dig / Freq Input	0-5V range, selectable 3.3kOhm pull-up to +5V
5 6 7 8	<b>NC</b>	NOT CONNECTED for uSDM200-Display only Version	

### WIRE SIDE VIEW

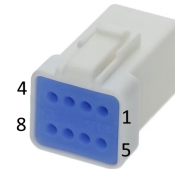
#### D Version

4	<b>+8-24V</b>	<b>GND</b>	<b>CAN1HI</b>	1
8	<del>NC</del>	<del>NC</del>	<del>NC</del>	5

#### DL & DLG Versions

4	<b>+8-24V</b>	<b>GND</b>	<b>CAN1HI</b>	1
8	<b>+5V SENS</b>	<b>SGND</b>	<b>IO1</b>	5

LOOM CONNECTOR	JWPF 08R-JWPF-VSLE-D
WIRE PINS	JWPF SWPR-001T-P025



#### uSDM200 Cable Internal Wire Colors

**USE ONLY WHEN REPLACING THE DEVICE SIDE JWPF LOOM CONNECTOR**

**WARNING: INTERNAL WIRE SIZE AWG28**

