

Cable Assembly Pinout

| Pin Number | Color of Wire | AISG Specified Use |
|------------|---------------|--------------------|
| 1          | BLUE          | +12V Nominal       |
| 2          | NOT USED      | N/A                |
| 3          | WHITE         | RS485 B            |
| 4          | GREEN         | RS485 GND          |
| 5          | BROWN         | RS485 A            |
| 6          | RED           | 10V-30V DC         |
| 7          | BLACK         | DC Return          |
| 8          | NOT USED      | N/A                |

Specifications

| Electrical            |                                       |
|-----------------------|---------------------------------------|
| Protocol              | AISG 1.1 / 2.0                        |
| Maximum Voltage       | 300 Volts                             |
| Mechanical            |                                       |
| AISG Connector A      | 8-pin DIN Straight Male               |
| AISG Connector B      | 8-pin DIN Straight Female             |
| Braid Coverage        | 85%                                   |
| Data Conductors Type  | (2) 0.25 mm <sup>2</sup> twisted pair |
| Power Conductors Type | (4) 0.75 mm <sup>2</sup> stranded     |
| Total Conductors      | 6                                     |
| Shield Material       | Aluminum                              |
| Jacket Material       | PU                                    |
| Color                 | Black                                 |
| Jacket Diameter       | 8.0 mm   0.315 in                     |
| Length                | 6.0 m   19.68 ft                      |