



4th Gen to 5th Gen Devices Harness

Replace your 4th generation device with 5th generation faster and easier using **4th Gen to 5th Gen Harness**.

4th Gen to 5th Gen Harness is used to replace the FM-Pro4, FM-Tco4 HCV and FM-Tco4 LCV tracking devices with Pro5, HCV5, or LCV5 devices without any re-wiring. Open wires are available for Single-Wire CAN, 1-Wire power, Analog inputs 3-4 and Digital outputs 3-4.

Applications

- Quick swap of 4th generation devices to 5th generation devices

Key Features

- Faster and easier installation
- Professional installation
- Minimize risk of faulty installations

Compatibility

| | | | | | | | | |
|---------------------|---|------|---|------|---|------|---|--------|
| 5 th Gen | ✓ | HCV5 | ✓ | LCV5 | ✓ | Pro5 | ⊘ | Trace5 |
|---------------------|---|------|---|------|---|------|---|--------|

Detailed specifications

Environmental specifications

| | |
|-------------------|---------------|
| Temperature range | -35 to +75 °C |
|-------------------|---------------|

Electrical specifications

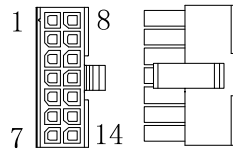
| | |
|---------------|---------------|
| Voltage range | Up to 32 V DC |
|---------------|---------------|

Physical properties

| | |
|-------------------------------------|------------------------------|
| Wire cross sectional area | 0.5 mm ² (20 AWG) |
| Cable length between the connectors | 80 mm |
| Open cable length | 500 mm |

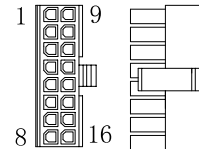
5th gen pinout

14 pin connector



| Pin no. | Wire color | Function |
|---------|--------------|-----------------------|
| 1 | Red | Power supply (9-32 V) |
| 2 | Purple | DOUT1 |
| 3 | Green/Yellow | 1-Wire data |
| 4 | Pink | DIN3 |
| 5 | Yellow | DIN4 |
| 6 | Blue | CAN2 Low |
| 7 | Brown | K-Line |
| 8 | Black | Ground |
| 9 | Orange | DOUT2 |
| 10 | Red/Yellow | 1-Wire power |
| 11 | Green | AIN2 |
| 12 | Grey | AIN1 |
| 13 | White | CAN2 High |
| 14 | Green/White | Single-Wire CAN |

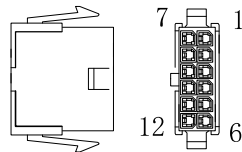
16 pin connector



| Pin no. | Wire color | Function |
|---------|--------------|-----------------|
| 1 | White/Brown | Port C RS485 A |
| 2 | Green/Brown | Port A RS232 TX |
| 3 | Pink/Green | Port B RS232 TX |
| 4 | Yellow/Black | DIN1 |
| 5 | Pink/Black | DIN2 |
| 6 | White/Green | AIN4 |
| 7 | Blue/Red | CAN1 Low |
| 8 | Black | Ground |
| 9 | Yellow/Brown | Port C RS485 B |
| 10 | Blue/Yellow | PortA RS232 RX |
| 11 | Red/Cyan | PortB RS232 RX |
| 12 | White/Purple | DOUT3 |
| 13 | White/Orange | DOUT4 |
| 14 | White/Grey | AIN3 |
| 15 | White/Red | CAN1 High |
| 16 | Red/ Yellow | 1-Wire power |

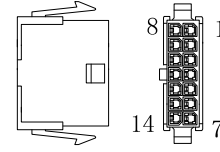
4th gen pinout

12 pin connector



| Pin no. | Wire color | Function |
|---------|------------|------------------------|
| 1 | Red | Power supply (12/24 V) |
| 2 | Black | Ground |
| 3 | Pink | DIN1 |
| 4 | Grey | AIN1 |
| 5 | Blue | DIN2 |
| 6 | Green | AIN2 |
| 7 | White | DIN3 |
| 8 | Purple | DOUT1 |
| 9 | Yellow | DIN4 |
| 10 | Orange | DOUT2 |
| 11 | Blue/Red | CAN2 Low |
| 12 | White/Red | CAN2 High |

14 pin connector



| Pin no. | Wire color | Function |
|---------|--------------|----------------|
| 1 | Yellow | PortB RS232 RX |
| 2 | Black | Ground |
| 3 | Orange | PortB RS232 TX |
| 4 | Red | 1-Wire power |
| 5 | Purple | PortA RS232 RX |
| 6 | Green/Yellow | 1-Wire data |
| 7 | Pink | PortA RS232 TX |
| 8 | White | CAN1 High |
| 9 | Green | L-Line |
| 10 | Blue | CAN1 Low |
| 11 | Brown | K-Line |
| 12 | Black | Ground |
| 13 | White/Red | Port C RS485 A |
| 14 | Yellow/Brown | Port C RS485 B |

Ordering information

K00088

80 mm adapter harness with six 500 mm open wires

Contact information:

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