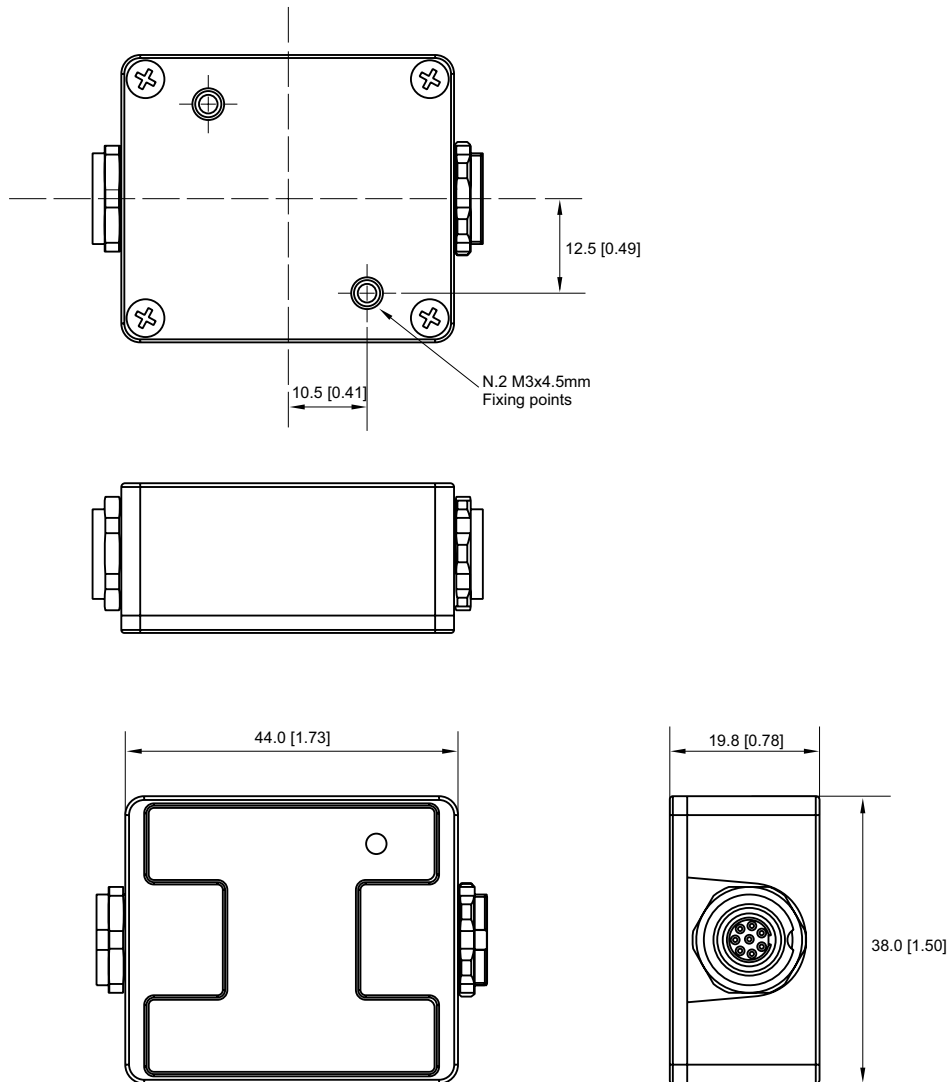




# AiM ACC3

Analog CAN Converter



Dimensions in mm [inches]



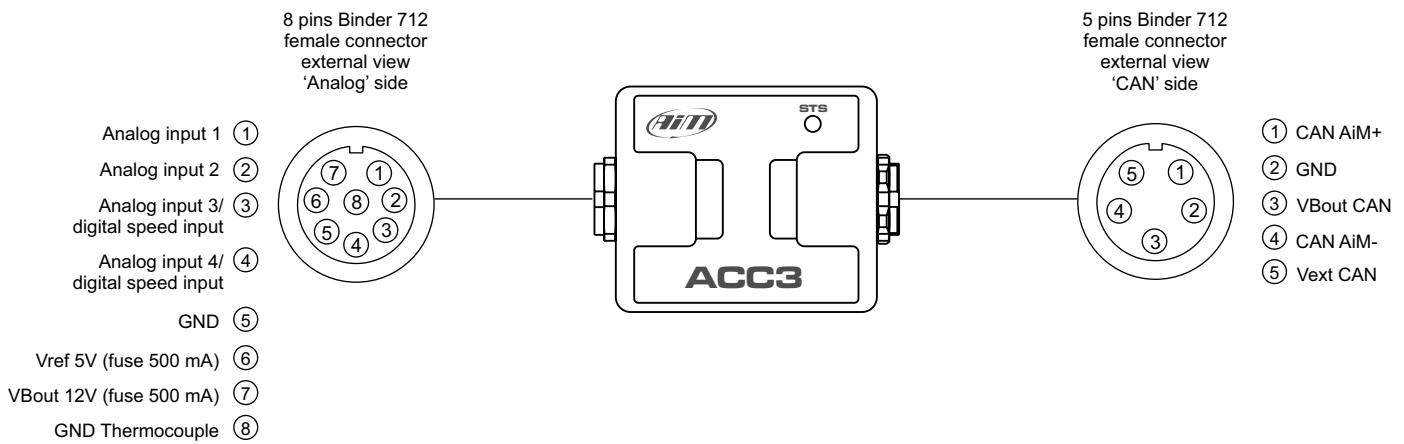
# AiM ACC3

## Analog CAN Converter

### Technical specifications

|                        |   |
|------------------------|---|
| <b>Analog channels</b> | 4 fully configurable channels, max 1 kHz each: TC, TR, 0÷5 V, 0÷12 V<br>Two inputs may be configured also as speed input channels |
| <b>Digital inputs</b>  | 2, internal pull-up for open drain/collector input  |
| <b>External power</b>  | 9÷15 V  |
| <b>Connections</b>     | CAN   |
| <b>Connectors</b>      | 2 Binder 712 female connectors  |
| <b>Material</b>        | PA6 30% glass   |
| <b>Dimensions</b>      | 44.0 x 38.0 x 19.8 mm   |
| <b>Weight</b>          | 50 g  |
| <b>Waterproof</b>      | IP65  |

### Pinout

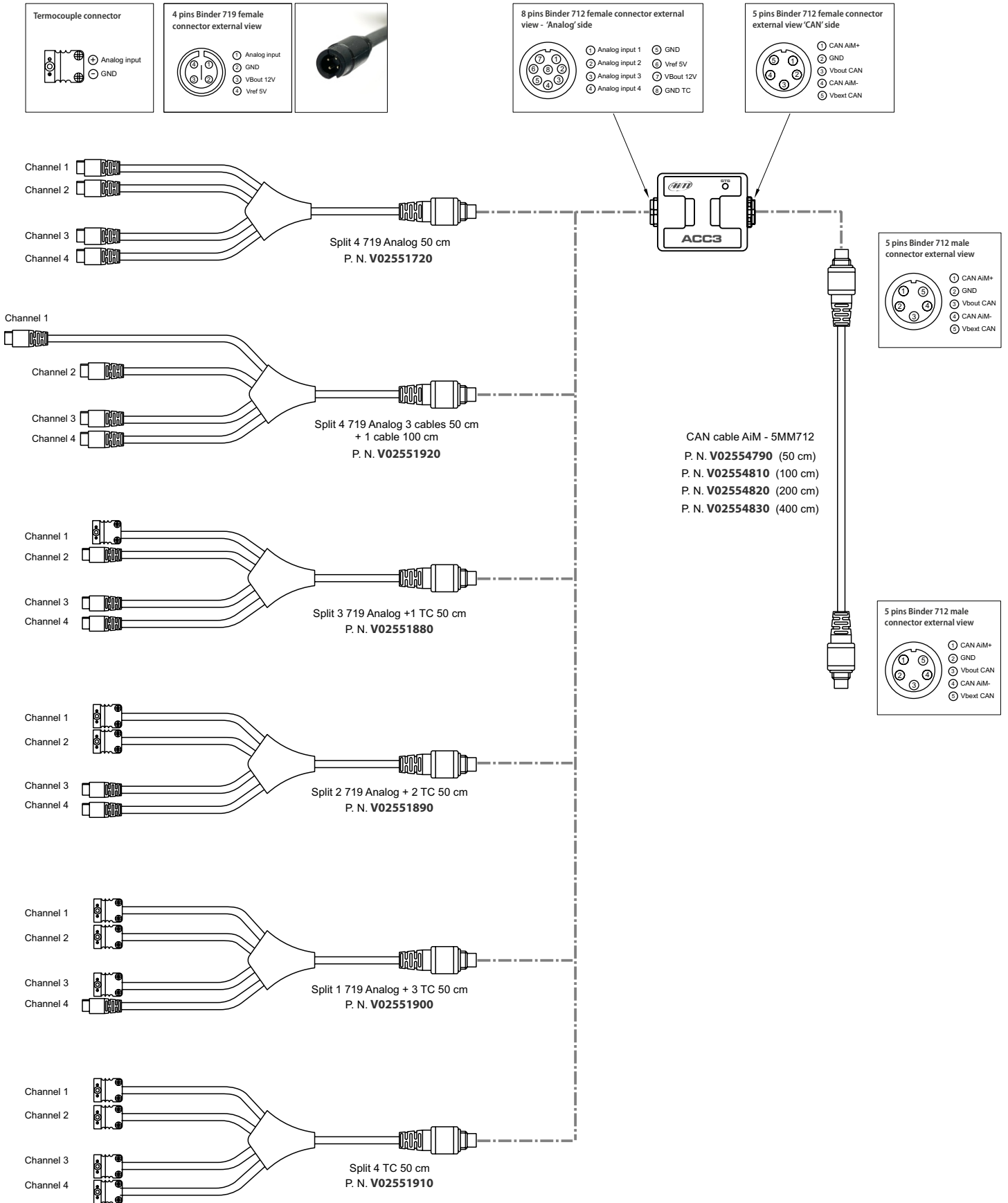




# AiM ACC3

## Analog CAN Converter

### Car/bike connection example 1

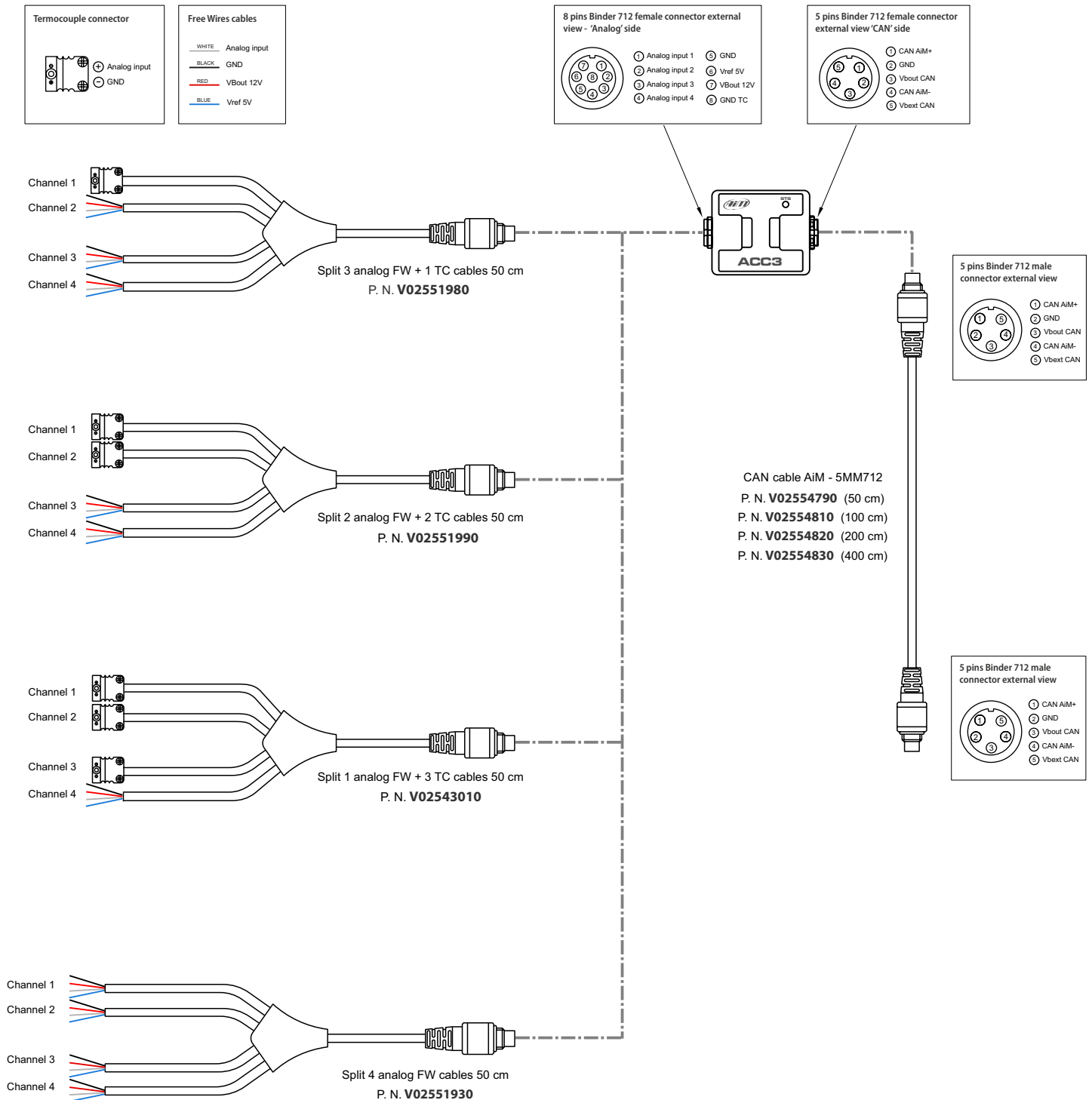




# AiM ACC3

## Analog CAN Converter

### Car/bike connection example 2

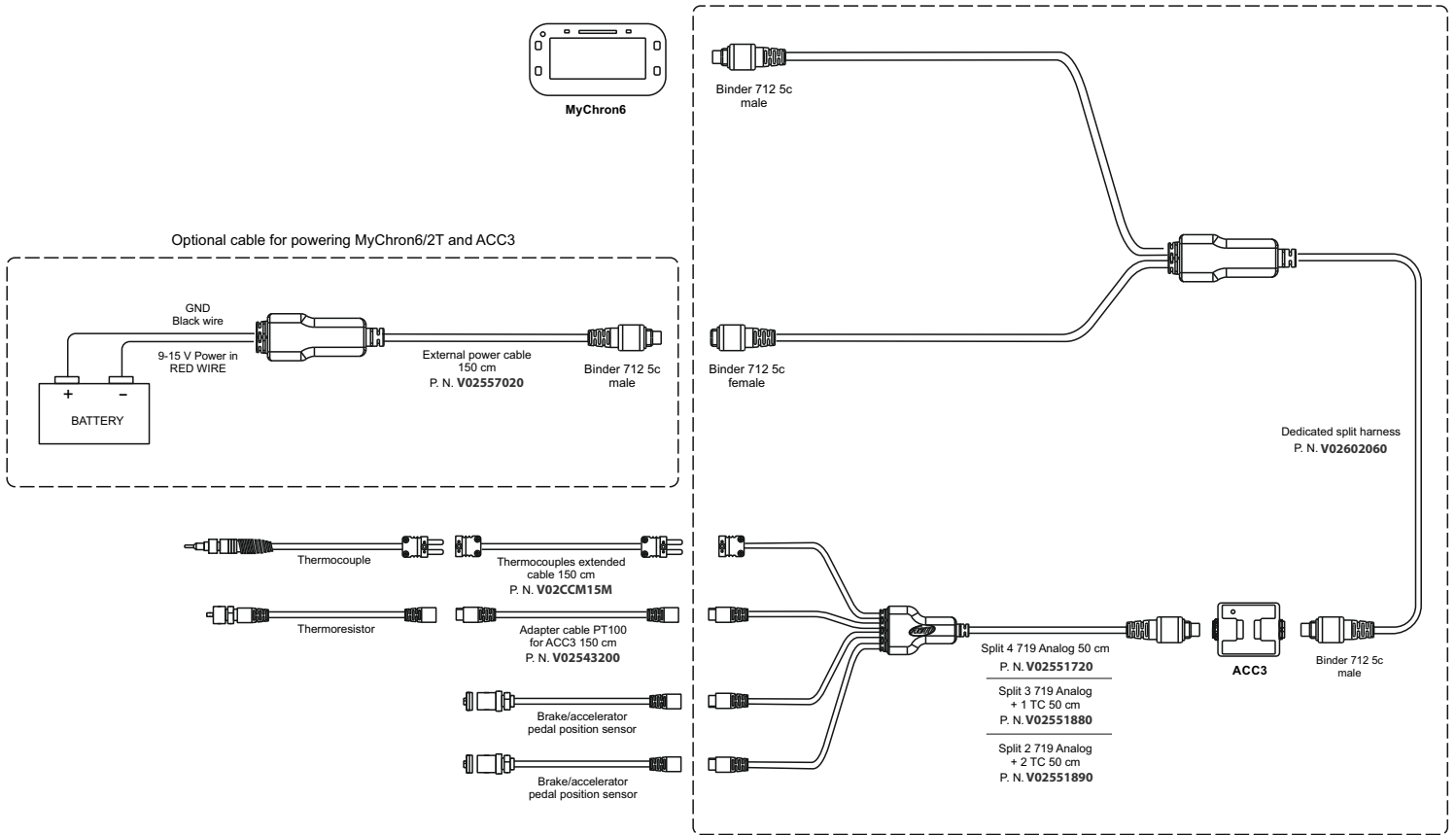




# AiM ACC3

## Analog CAN Converter

### Kart connection example 1



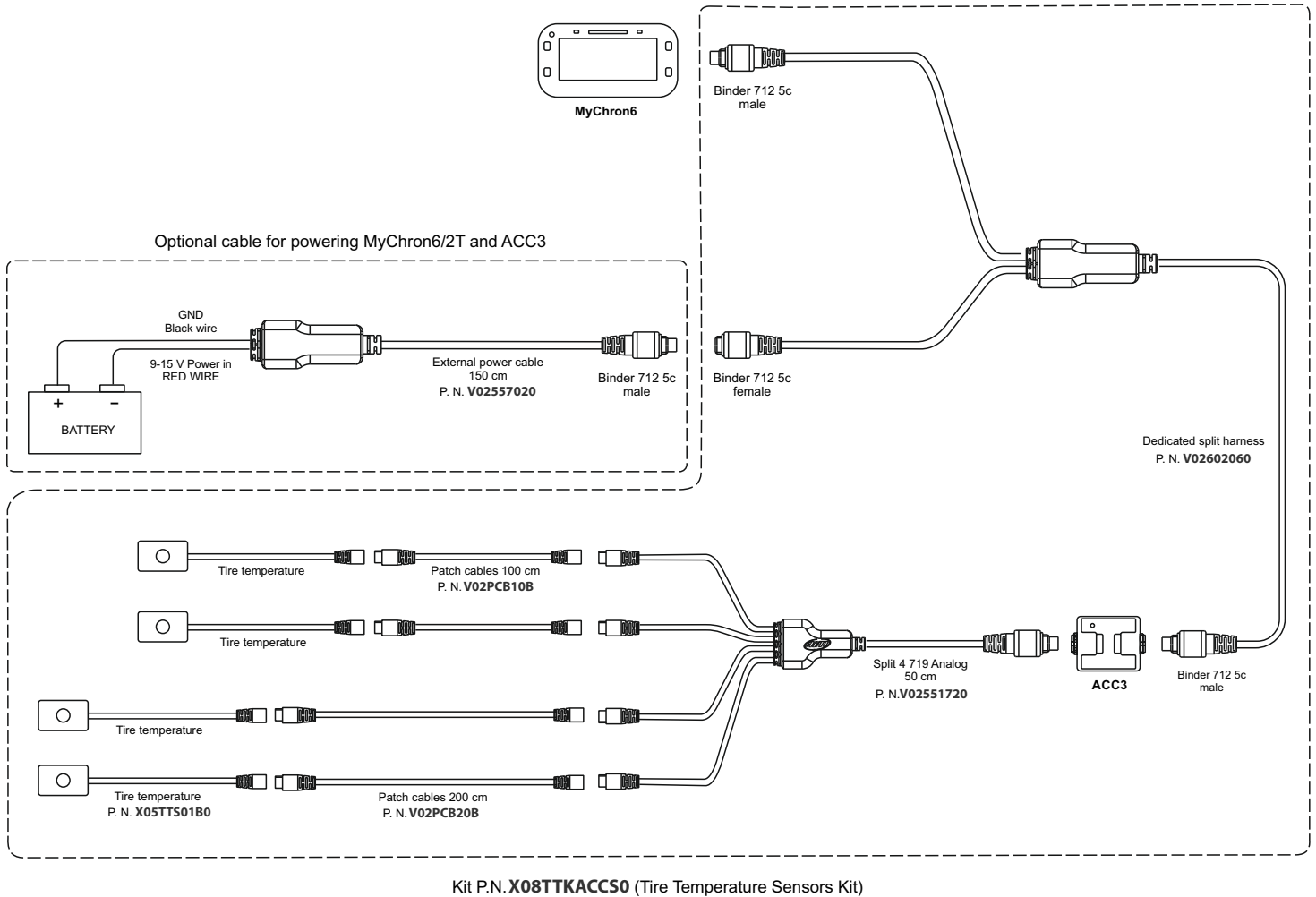
- Kit P.N. **X08ACC3AP40SH** (with ACC3 + split 4 719 Analog 50 cm + dedicated split harness P.N. V02602060)
- Kit P.N. **X08ACC3AP30SH** (with ACC3 + split 3 719 Analog 1 TC 50 cm + dedicated split harness P.N. V02602060)
- Kit P.N. **X08ACC3AP20SH** (with ACC3 + split 2 719 Analog 2 TC 50 cm + dedicated split harness P.N. V02602060)



# AiM ACC3

## Analog CAN Converter

### Kart connection example 2 (Tire Temperature Sensors Kit with ACC3)

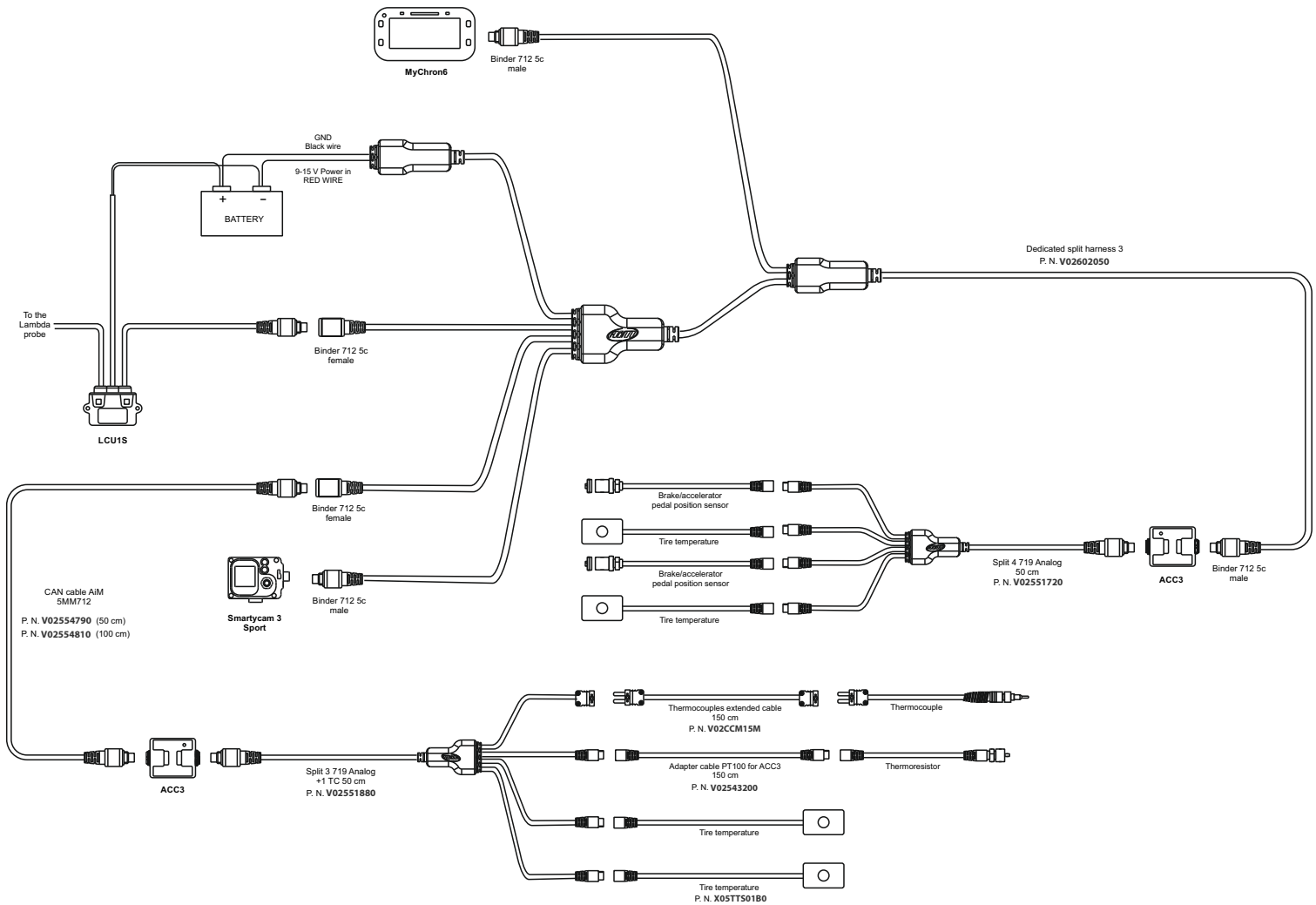




# AiM ACC3

## Analog CAN Converter

### Kart connection example 3














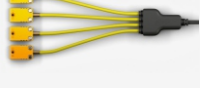





# AiM ACC3

## Analog CAN Converter

### Available kits for car/bike

| Description   | Part number          | The kit contains  |
|---|----------------------|---|
| ACC3 + Split 4 719 Analog 50 cm + CAN cable 50 cm       | <b>X08ACC3AP4050</b> | ACC3  |
| ACC3 + Split 4 719 Analog 50 cm + CAN cable 100 cm      | <b>X08ACC3AP4100</b> | Split 4 719 Analog 50 cm  |
| ACC3 + Split 4 719 Analog 50 cm + CAN cable 200 cm      | <b>X08ACC3AP4200</b> | CAN cable 50÷400 cm   |
| ACC3 + Split 4 719 Analog 50 cm + CAN cable 400 cm      | <b>X08ACC3AP4400</b> |          |
| ACC3 + Split 3 719 Analog 1 TC 50 cm + CAN cable 50 cm  | <b>X08ACC3AP3050</b> | ACC3  |
| ACC3 + Split 3 719 Analog 1 TC 50 cm + CAN cable 100 cm | <b>X08ACC3AP3100</b> | Split 3 719 Analog 1 TC 50 cm   |
| ACC3 + Split 3 719 Analog 1 TC 50 cm + CAN cable 200 cm | <b>X08ACC3AP3200</b> | CAN cable 50÷400 cm   |
| ACC3 + Split 3 719 Analog 1 TC 50 cm + CAN cable 400 cm | <b>X08ACC3AP3400</b> |          |
| ACC3 + Split 2 719 Analog 2 TC 50 cm + CAN cable 50 cm  | <b>X08ACC3AP2050</b> | ACC3  |
| ACC3 + Split 2 719 Analog 2 TC 50 cm + CAN cable 100 cm | <b>X08ACC3AP2100</b> | Split 2 719 Analog 2 TC 50 cm   |
| ACC3 + Split 2 719 Analog 2 TC 50 cm + CAN cable 200 cm | <b>X08ACC3AP2200</b> | CAN cable 50÷400 cm   |
| ACC3 + Split 2 719 Analog 2 TC 50 cm + CAN cable 400 cm | <b>X08ACC3AP2400</b> |          |
| ACC3 + Split 1 719 Analog 3 TC 50 cm + CAN cable 50 cm  | <b>X08ACC3AP1050</b> | ACC3  |
| ACC3 + Split 1 719 Analog 3 TC 50 cm + CAN cable 100 cm | <b>X08ACC3AP1100</b> | Split 1 719 Analog 3 TC 50 cm   |
| ACC3 + Split 1 719 Analog 3 TC 50 cm + CAN cable 200 cm | <b>X08ACC3AP1200</b> | CAN cable 50÷400 cm   |
| ACC3 + Split 1 719 Analog 3 TC 50 cm + CAN cable 400 cm | <b>X08ACC3AP1400</b> |    |
| ACC3 + Split 4 TC 50 cm + CAN cable 50 cm               | <b>X08ACC3AP0050</b> | ACC3  |
| ACC3 + Split 4 TC 50 cm + CAN cable 100 cm              | <b>X08ACC3AP0100</b> | Split 4 TC 50 cm  |
| ACC3 + Split 4 TC 50 cm + CAN cable 200 cm              | <b>X08ACC3AP0200</b> | CAN cable 50÷400 cm   |
| ACC3 + Split 4 TC 50 cm + CAN cable 400 cm              | <b>X08ACC3AP0400</b> |    |



# AiM ACC3

## Analog CAN Converter

### Available kits for car/bike

| Description   | Part number          | The kit contains              |
|---|----------------------|-------------------------------|
| ACC3 + Split 4 712 Analog 50 cm + CAN cable 50 cm       | <b>X08ACC3AM4050</b> | ACC3                          |
| ACC3 + Split 4 712 Analog 50 cm + CAN cable 100 cm      | <b>X08ACC3AM4100</b> | Split 4 712 Analog 50 cm      |
| ACC3 + Split 4 712 Analog 50 cm + CAN cable 200 cm      | <b>X08ACC3AM4200</b> | CAN cable 50÷400 cm           |
| ACC3 + Split 4 712 Analog 50 cm + CAN cable 400 cm      | <b>X08ACC3AM4400</b> |                               |
| ACC3 + Split 3 712 Analog 1 TC 50 cm + CAN cable 50 cm  | <b>X08ACC3AM3050</b> | ACC3                          |
| ACC3 + Split 3 712 Analog 1 TC 50 cm + CAN cable 100 cm | <b>X08ACC3AM3100</b> | Split 3 712 Analog 1 TC 50 cm |
| ACC3 + Split 3 712 Analog 1 TC 50 cm + CAN cable 200 cm | <b>X08ACC3AM3200</b> | CAN cable 50÷400 cm           |
| ACC3 + Split 3 712 Analog 1 TC 50 cm + CAN cable 400 cm | <b>X08ACC3AM3400</b> |                               |
| ACC3 + Split 2 712 Analog 2 TC 50 cm + CAN cable 50 cm  | <b>X08ACC3AM2050</b> | ACC3                          |
| ACC3 + Split 2 712 Analog 2 TC 50 cm + CAN cable 100 cm | <b>X08ACC3AM2100</b> | Split 2 712 Analog 2 TC 50 cm |
| ACC3 + Split 2 712 Analog 2 TC 50 cm + CAN cable 200 cm | <b>X08ACC3AM2200</b> | CAN cable 50÷400 cm           |
| ACC3 + Split 2 712 Analog 2 TC 50 cm + CAN cable 400 cm | <b>X08ACC3AM2400</b> |                               |
| ACC3 + Split 1 712 Analog 3 TC 50 cm + CAN cable 50 cm  | <b>X08ACC3AM1050</b> | ACC3                          |
| ACC3 + Split 1 712 Analog 3 TC 50 cm + CAN cable 100 cm | <b>X08ACC3AM1100</b> | Split 1 712 Analog 3 TC 50 cm |
| ACC3 + Split 1 712 Analog 3 TC 50 cm + CAN cable 200 cm | <b>X08ACC3AM1200</b> | CAN cable 50÷400 cm           |
| ACC3 + Split 1 712 Analog 3 TC 50 cm + CAN cable 400 cm | <b>X08ACC3AM1400</b> |                               |



# AiM ACC3

## Analog CAN Converter

### Accessories & optional parts for car/bike

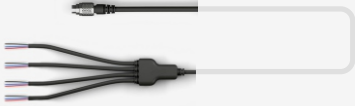
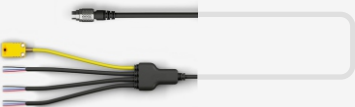
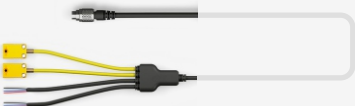
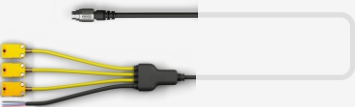
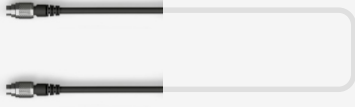
| Description   | Part number      |  |
|---|------------------|--|
| Split 4 719 Analog 3 cables 50 cm<br>+ 1 cable 100 cm | <b>V02551920</b> |    |
| Split 4 719 Analog 50 cm                              | <b>V02551720</b> |    |
| Split 3 719 Analog + 1 TC 50 cm                       | <b>V02551880</b> |    |
| Split 2 719 Analog + 2 TC 50 cm                       | <b>V02551890</b> |    |
| Split 1 719 Analog + 3 TC 50 cm                       | <b>V02551900</b> |  |
| Split 4 TC 50 cm                                      | <b>V02551910</b> |  |
| Split 4 712 Analog 50 cm                              | <b>V02543130</b> |  |
| Split 3 712 Analog + 1 TC 50 cm                       | <b>V02543190</b> |  |
| Split 2 712 Analog + 2 TC 50 cm                       | <b>V02543180</b> |  |
| Split 1 712 Analog + 3 TC 50 cm                       | <b>V02543170</b> |  |



# AiM ACC3

## Analog CAN Converter

### Accessories & optional parts for car/bike



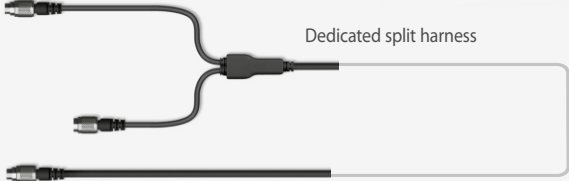

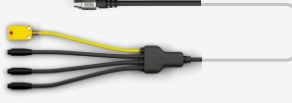
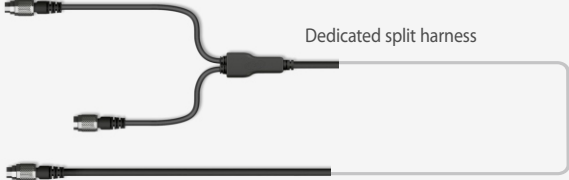

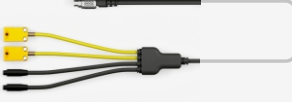
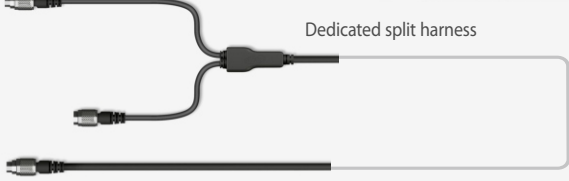
| Description                    | Part number      |  |
|--------------------------------|------------------|--|
| Split 4 Analog FW 50 cm        | <b>V02551930</b> |    |
| Split 3 Analog FW + 1 TC 50 cm | <b>V02551980</b> |    |
| Split 2 Analog FW + 2 TC 50 cm | <b>V02551990</b> |    |
| Split 1 Analog FW + 3 TC 50 cm | <b>V02543010</b> |    |
| CAN cable AiM - 5MM712 50 cm   | <b>V02554790</b> |  |
| CAN cable AiM - 5MM712 100 cm  | <b>V02554810</b> |  |
| CAN cable AiM - 5MM712 200 cm  | <b>V02554820</b> |  |
| CAN cable AiM - 5MM712 400 cm  | <b>V02554830</b> |  |



# AiM ACC3

## Analog CAN Converter

### Available kits for kart


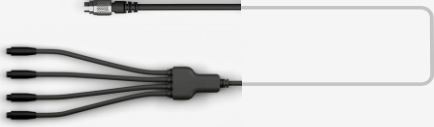
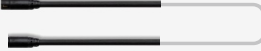


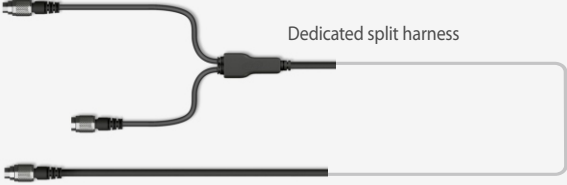
| Description   | Part number          | The kit contains   |
|---|----------------------|--|
| ACC3 + split 4 719 Analog 50 cm<br>+ dedicated split harness      | <b>X08ACC3AP40SH</b> | <p>ACC3</p>  <p>Split 4 719 Analog 50 cm</p>  <p>Dedicated split harness</p>             |
| ACC3 + split 3 719 Analog 1 TC 50 cm<br>+ dedicated split harness | <b>X08ACC3AP30SH</b> | <p>ACC3</p>  <p>Split 3 719 Analog 1 TC 50 cm</p>  <p>Dedicated split harness</p>       |
| ACC3 + split 2 719 Analog 2 TC 50 cm<br>+ dedicated split harness | <b>X08ACC3AP20SH</b> | <p>ACC3</p>  <p>Split 2 719 Analog 2 TC 50 cm</p>  <p>Dedicated split harness</p>  |



# AiM ACC3

## Analog CAN Converter

### Available kits for kart

| Description                           | Part number        | The kit contains  |
|---------------------------------------|--------------------|---|
| Tire Temperature Sensor Kit with ACC3 | <b>X08TTKACCS0</b> | <p>ACC3</p>  <p>Split 4 719 Analog 50 cm</p>  <p>2 patch cables 100 cm</p>  <p>2 patch cables 200 cm</p>  <p>4 tire temperature sensors</p>  <p>Dedicated split harness</p>  |



# AiM ACC3

## Analog CAN Converter

### Accessories & optional parts for kart

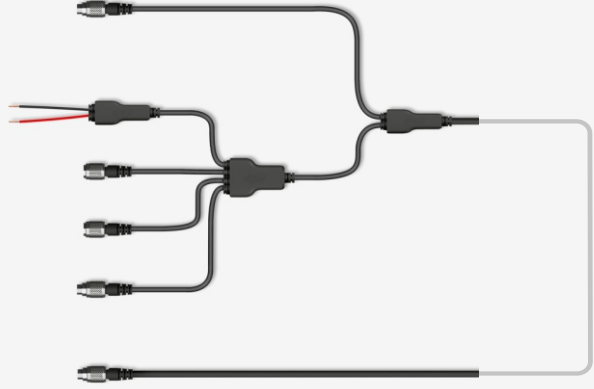
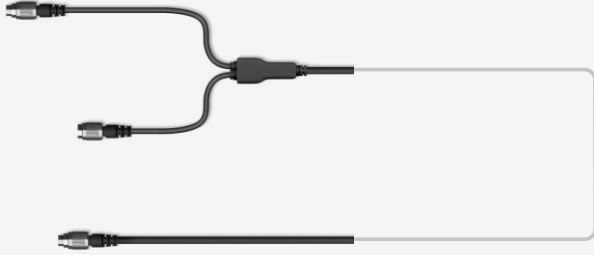

| Description   | Part number                          |  |
|---|--------------------------------------|--|
| Split 4 719 Analog 50 cm                                      | <b>V02551720</b>                     |    |
| Split 3 719 Analog + 1 TC 50 cm                               | <b>V02551880</b>                     |    |
| Split 2 719 Analog + 2 TC 50 cm                               | <b>V02551890</b>                     |    |
| CAN cable AiM - 5MM712 50 cm<br>CAN cable AiM - 5MM712 100 cm | <b>V02554790</b><br><b>V02554810</b> |    |
| Thermocouples extended cable<br>150 cm                        | <b>V02CCM15M</b>                     |  |
| Adapter cable PT100 for ACC3<br>150 cm                        | <b>V02543200</b>                     |  |
| Patch cable 4M719-4F719 100 cm                                | <b>V02PCB10B</b>                     |  |
| Patch cable 4M719-4F719 200 cm                                | <b>V02PCB20B</b>                     |  |



# AiM ACC3

## Analog CAN Converter

### Accessories & optional parts for kart

| Description               | Part number      |  |
|---------------------------|------------------|--|
| Dedicated split harness 3 | <b>V02602050</b> |  A black cable harness with a central connector. It branches into three separate cables, each ending in a different type of connector: a standard RJ45 Ethernet connector, a connector with two red wires, and another standard RJ45 Ethernet connector. |
| Dedicated split harness   | <b>V02602060</b> |  A black cable harness with a central connector. It branches into two separate cables, each ending in a standard RJ45 Ethernet connector.   |
| External power cable      | <b>V02557020</b> |  A black cable with a central connector. It branches into two separate cables, each ending in a standard RJ45 Ethernet connector. One of the branches has two red wires.   |