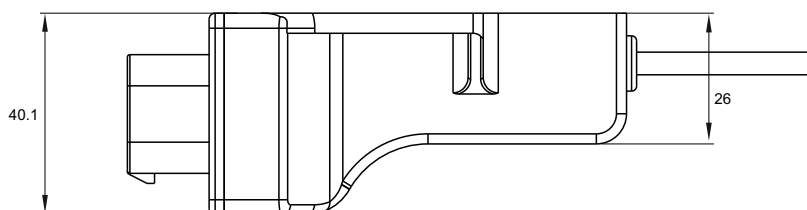
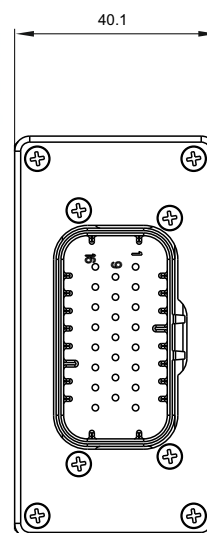
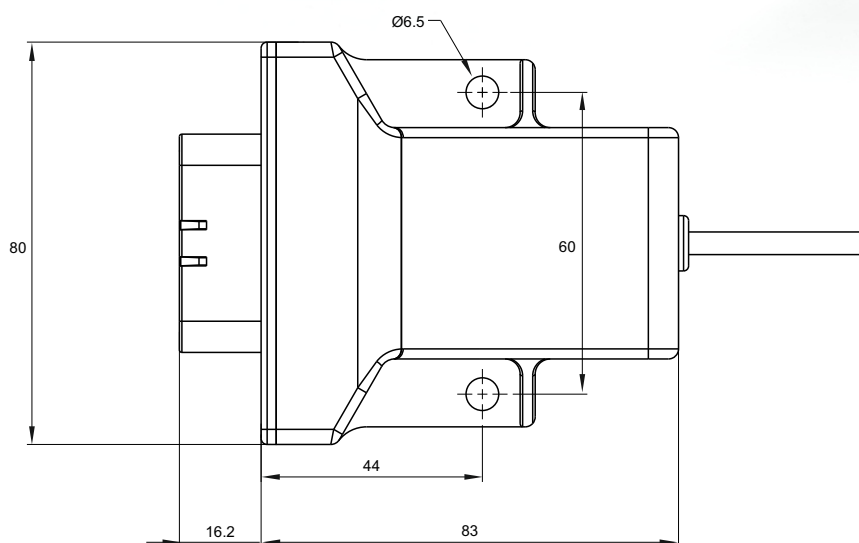


AiM RIO02

Remote Input/Output Module



Ver. 1.03



AiM RIO02

Remote Input/Output Module

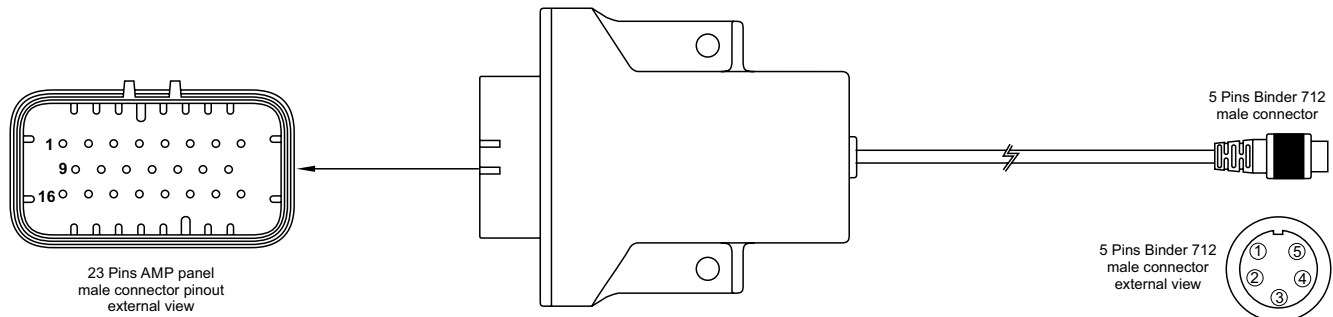
Technical specifications

CAN connections	1
Inputs	19 of which: ■ 8 prog: Switch to Batt, Switch to ground ■ 11 Switch to Ground
Dig outs	2 Low Side 2 A Max
Body	Plastic
Connectors	1 AMP 776087-1 connector
Dimensions	99.2 x 80 x 40.1 mm
Weight	120 g

Part number

X08EXMRIO020	RIO02
--------------	-------

Pinout



Pin	Name	Function
1	GND	Battery GND
2	LS0	Low side output (Max 2A)
3	LS1	Low side output (Max 2A)
4	CH1	Input programmable switch (to Battery or to GND)
5	CH2	Input programmable switch (to Battery or to GND)
6	CH3	Input programmable switch (to Battery or to GND)
7	CH4	Input programmable switch (to Battery or to GND)
8	CH5	Input programmable switch (to Battery or to GND)
9	CH6	Input programmable switch (to Battery or to GND)
10	CH7	Input programmable switch (to Battery or to GND)
11	CH8	Input programmable switch (to Battery or to GND)
12	CH9	Input switch (to GND)
13	CH10	Input switch (to GND)
14	CH11	Input switch (to GND)
15	CH12	Input switch (to GND)
16	CH13	Input switch (to GND)
17	CH14	Input switch (to GND)
18	CH15	Input switch (to GND)
19	CH16	Input switch (to GND)
20	CH17	Input switch (to GND)
21	CH18	Input switch (to GND)
22	CH19	Input switch (to GND)
23	Vb ext	9-15 Power input

Pin	Function
1	AiM CAN+
2	GND
3	+Vb
4	AiM can-
5	+Vb Ext

Ideally, the power inputs should get power from the RIO Pin 23