



1.1.1 SingleViu® (CAN / Analogue)

The SingleViu® platform gauges streamline the previous VDO gauges. SingleViu® covers all the applications of previous instruments and offers a coherent and flexible solution with state-of-the-art technology. SingleViu® instruments support both digital CAN bus transmission and traditional analogue sensors. The individual instruments for measuring temperatures, levels, pressures, voltage and current are available with a diameter of 52mm. Tachometers and speedometers are available in diameters of 80/85 or 100 mm. Devices with a diameter of 80/85 and 100mm have a push button and an LCD display that can show the driver a various number of parameters in “operation menu”.

General characteristics

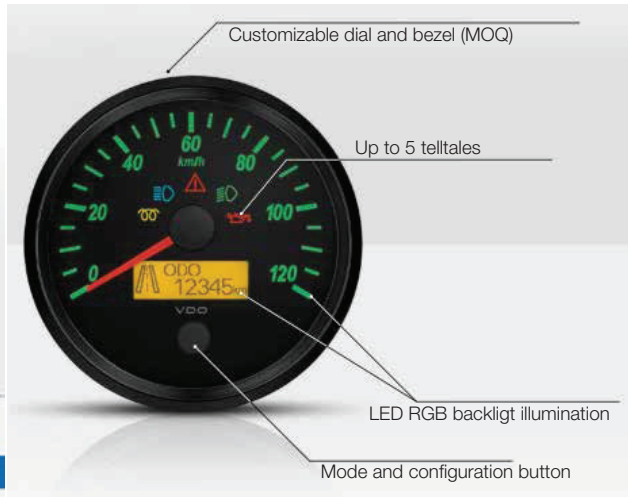
- Variants for 52mm, 80/85mm and 100mm
- Compatibility with 2 type of signals: analogue and CAN SAEJ-1939
- Anti-fog and anti-reflective glass
- Operating Voltage 12V/24V
- Selectable RGB backlight color
- Illumination colors of dial and LCD can be set separately
- Up to 5 telltales
- Warning thresholds to trigger the internal telltale
- “Plug and Play” gauges
- Customization possibilities (other bezel, dial, features) on request. We offer mechanic options in our small series manufacturing location Birmingham (RSO UK)
- Configuration via free of charge “SingleViu ConfigTool” (sensor curves, illumination ecc.)
- Homologation UN-ECE and CE

Mechanical characteristics

- Bezel: black, metal, triangular profile
- Fixing with spinlock nut 52, 80/85, 100mm
- The 80mm gauges can be also placed in 85mm holes
- Outer lens in mineral glass
- Flame-resistant housing
- Protection class IP 67 (Front and rear with connector)
- Operating temperature: from -40 to +80 °C / LCD: from -20 to +80°C

General features of 80/85 and 100mm gauges

- A dot matrix display shows information in roll mode, e.g. odometer, engine counter, clock, fuel consumption, gear engaged (current / recommended), DTC DM1 diagnostics
- Content of the main information in roll mode different for tachometers and tachometers.
- Possibility to select the metric or US units.
- Possibility to display a welcome logo when switched on
- Possibility to configure the instrument also using the button on the front
- A Dongle (already used for Viewline and CAN Cockpit) is necessary to set the odometer and hour meter values

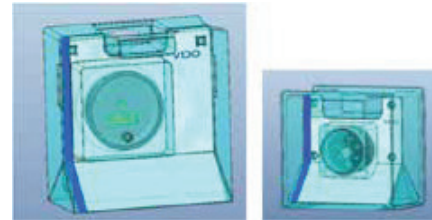


The gauges are available in 3 types of different packaging:

- 1) Single pack: box with one gauge and nut; mounting and safety instruction sheet
- 2) Bulk: industrial packaging containing 10 pcs (80/100mm gauges) or 25 pcs (52mm gauges)
- 3) Aftermarket pack: plastic blister containing all the components for a complete installation: gauge, connector cable (8-pin for 52mm gauges, / 8+12 pin for 80/100mm gauges), mounting and safety instruction sheet

Variants and Order Part Numbers

80/85mm SPEEDOMETERS



Aftermarket package

Single pack	Bulk (10 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue Input type	CAN PGN	CAN SPN	CAN Source Address
A2C3832910001	A2C3832910010	A2C3832910030	WHITE	0 - 120 Km/h	pulses	65265	84	0xA7
A2C3832920001	A2C3832920010	A2C3832920030		0 - 140 mph	pulses	65265	84	0xA7
A2C3832930001	A2C3832930010	A2C3832930030		0 - 160 mph	pulses	65265	84	0xA7
A2C3832940001	A2C3832940010	A2C3832940030		0 - 200 Km/h	pulses	65265	84	0xA7
A2C3832950001	A2C3832950010	A2C3832950030		0 - 300 Km/h	pulses	65265	84	0xA7
A2C3832880001	A2C3832880010	A2C3832880030		0 - 30 mph	pulses	65265	84	0xA7
A2C3832890001	A2C3832890010	A2C3832890030		0 - 60 Km/h	pulses	65265	84	0xA7
A2C3832900001	A2C3832900010	A2C3832900030		0 - 90 mph	pulses	65265	84	0xA7
		A2C3832910031	AMBER	0 - 120 Km/h	pulses	65265	84	0xA7
		A2C3832920031		0 - 140 mph	pulses	65265	84	0xA7
		A2C3832930031		0 - 160 mph	pulses	65265	84	0xA7
		A2C3832940031		0 - 200 Km/h	pulses	65265	84	0xA7
		A2C3832950031		0 - 300 Km/h	pulses	65265	84	0xA7
		A2C3832880031		0 - 30 mph	pulses	65265	84	0xA7
		A2C3832890031		0 - 60 Km/h	pulses	65265	84	0xA7
		A2C3832900031		0 - 90 mph	pulses	65265	84	0xA7
		A2C3832910032	RED	0 - 120 Km/h	pulses	65265	84	0xA7
		A2C3832920032		0 - 140 mph	pulses	65265	84	0xA7
		A2C3832930032		0 - 160 mph	pulses	65265	84	0xA7
		A2C3832940032		0 - 200 Km/h	pulses	65265	84	0xA7
		A2C3832950032		0 - 300 Km/h	pulses	65265	84	0xA7
		A2C3832880032		0 - 30 mph	pulses	65265	84	0xA7
		A2C3832890032		0 - 60 Km/h	pulses	65265	84	0xA7
		A2C3832900032		0 - 90 mph	pulses	65265	84	0xA7

80/85mm SPEEDOMETERS:

Single pack	Bulk (10 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue Input type	CAN PGN	CAN SPN	CAN Source Address
		A2C3832910033	GREEN	0 - 120 Km/h	pulses	65265	84	0xA7
		A2C3832920033		0 - 140 mph	pulses	65265	84	0xA7
		A2C3832930033		0 - 160 mph	pulses	65265	84	0xA7
		A2C3832940033		0 - 200 Km/h	pulses	65265	84	0xA7
		A2C3832950033		0 - 300 Km/h	pulses	65265	84	0xA7
		A2C3832880033		0 - 30 mph	pulses	65265	84	0xA7
		A2C3832890033		0 - 60 Km/h	pulses	65265	84	0xA7
		A2C3832900033		0 - 90 mph	pulses	65265	84	0xA7
		A2C3832910034	BLUE	0 - 120 Km/h	pulses	65265	84	0xA7
		A2C3832920034		0 - 140 mph	pulses	65265	84	0xA7
		A2C3832930034		0 - 160 mph	pulses	65265	84	0xA7
		A2C3832940034		0 - 200 Km/h	pulses	65265	84	0xA7
		A2C3832950034		0 - 300 Km/h	pulses	65265	84	0xA7
		A2C3832880034		0 - 30 mph	pulses	65265	84	0xA7
		A2C3832890034		0 - 60 Km/h	pulses	65265	84	0xA7
		A2C3832900034		0 - 90 mph	pulses	65265	84	0xA7

80/85mm TACHOMETERS:



Single pack	Bulk (10 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue Input type	CAN PGN	CAN SPN	CAN Source Address
A2C3832960001	A2C3832960010	A2C3832960030	WHITE	0 - 2000 rpm	pulses	61444	190	0x17
A2C3832970001	A2C3832970010	A2C3832970030		0 - 2500 rpm	pulses	61444	190	0x17
A2C3832980001	A2C3832980010	A2C3832980030		0 - 3000 rpm	pulses	61444	190	0x17
A2C3832990001	A2C3832990010	A2C3832990030		0 - 4000 rpm	pulses	61444	190	0x17
A2C3833000001	A2C3833000010	A2C3833000030		0 - 5000 rpm	pulses	61444	190	0x17
A2C3833010001	A2C3833010010	A2C3833010030		0 - 6000 rpm	pulses	61444	190	0x17
A2C3833020001	A2C3833020010	A2C3833020030		0 - 8000 rpm	pulses	61444	190	0x17
		A2C3832960031	AMBER	0 - 2000 rpm	pulses	61444	190	0x17
		A2C3832970031		0 - 2500 rpm	pulses	61444	190	0x17
		A2C3832980031		0 - 3000 rpm	pulses	61444	190	0x17
		A2C3832990031		0 - 4000 rpm	pulses	61444	190	0x17
		A2C3833000031		0 - 5000 rpm	pulses	61444	190	0x17
		A2C3833010031		0 - 6000 rpm	pulses	61444	190	0x17
		A2C3833020031		0 - 8000 rpm	pulses	61444	190	0x17



80/85mm TACHOMETERS:

Single pack	Bulk (10 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue Input type	CAN PGN	CAN SPN	CAN Source Address
		A2C3832960032	RED	0 - 2000 rpm	pulses	61444	190	0x17
		A2C3832970032		0 - 2500 rpm	pulses	61444	190	0x17
		A2C3832980032		0 - 3000 rpm	pulses	61444	190	0x17
		A2C3832990032		0 - 4000 rpm	pulses	61444	190	0x17
		A2C3833000032		0 - 5000 rpm	pulses	61444	190	0x17
		A2C3833010032		0 - 6000 rpm	pulses	61444	190	0x17
		A2C3833020032		0 - 8000 rpm	pulses	61444	190	0x17
		A2C3832960033	GREEN	0 - 2000 rpm	pulses	61444	190	0x17
		A2C3832970033		0 - 2500 rpm	pulses	61444	190	0x17
		A2C3832980033		0 - 3000 rpm	pulses	61444	190	0x17
		A2C3832990033		0 - 4000 rpm	pulses	61444	190	0x17
		A2C3833000033		0 - 5000 rpm	pulses	61444	190	0x17
		A2C3833010033		0 - 6000 rpm	pulses	61444	190	0x17
		A2C3833020033		0 - 8000 rpm	pulses	61444	190	0x17
		A2C3832960034	BLUE	0 - 2000 rpm	pulses	61444	190	0x17
		A2C3832970034		0 - 2500 rpm	pulses	61444	190	0x17
		A2C3832980034		0 - 3000 rpm	pulses	61444	190	0x17
		A2C3832990034		0 - 4000 rpm	pulses	61444	190	0x17
		A2C3833000034		0 - 5000 rpm	pulses	61444	190	0x17
		A2C3833010034		0 - 6000 rpm	pulses	61444	190	0x17
		A2C3833020034		0 - 8000 rpm	pulses	61444	190	0x17

100 mm SPEEDOMETERS:



Single pack	Bulk (10 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue Input type	CAN PGN	CAN SPN	CAN Source Address
A2C3832860001	A2C3832860010	A2C3832860030	WHITE	0 - 120 Km/h	pulses	65265	84	0xA7
A2C3832850001	A2C3832850010	A2C3832850030		0 - 140 mph	pulses	65265	84	0xA7
A2C3832840001	A2C3832840010	A2C3832840030		0 - 200 Km/h	pulses	65265	84	0xA7
A2C3832830001	A2C3832830010	A2C3832830030		0 - 300 Km/h	pulses	65265	84	0xA7
A2C3832870001	A2C3832870010	A2C3832870030		0 - 90 mph	pulses	65265	84	0xA7
		A2C3832860031	AMBER	0 - 120 Km/h	pulses	65265	84	0xA7
		A2C3832850031		0 - 140 mph	pulses	65265	84	0xA7
		A2C3832840031		0 - 200 Km/h	pulses	65265	84	0xA7
		A2C3832830031		0 - 300 Km/h	pulses	65265	84	0xA7
		A2C3832870031		0 - 90 mph	pulses	65265	84	0xA7
		A2C3832860032	RED	0 - 120 Km/h	pulses	65265	84	0xA7
		A2C3832850032		0 - 140 mph	pulses	65265	84	0xA7
		A2C3832840032		0 - 200 Km/h	pulses	65265	84	0xA7
		A2C3832830032		0 - 300 Km/h	pulses	65265	84	0xA7
		A2C3832870032		0 - 90 mph	pulses	65265	84	0xA7

100 mm SPEEDOMETERS:

Single pack	Bulk (10 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue Input type	CAN PGN	CAN SPN	CAN Source Address
		A2C3832860033	GREEN	0 - 120 Km/h	pulses	65265	84	0xA7
		A2C3832850033		0 - 140 mph	pulses	65265	84	0xA7
		A2C3832840033		0 - 200 Km/h	pulses	65265	84	0xA7
		A2C3832830033		0 - 300 Km/h	pulses	65265	84	0xA7
		A2C3832870033		0 - 90 mph	pulses	65265	84	0xA7
		A2C3832860034	BLUE	0 - 120 Km/h	pulses	65265	84	0xA7
		A2C3832850034		0 - 140 mph	pulses	65265	84	0xA7
		A2C3832840034		0 - 200 Km/h	pulses	65265	84	0xA7
		A2C3832830034		0 - 300 Km/h	pulses	65265	84	0xA7
		A2C3832870034		0 - 90 mph	pulses	65265	84	0xA7

100 mm TACHOMETERS



Single pack	Bulk (10 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue Input type	CAN PGN	CAN SPN	CAN Source Address
A2C3832820001	A2C3832820010	A2C3832820030	WHITE	0 - 2500 rpm	pulses	61444	190	0x17
A2C3832810001	A2C3832810010	A2C3832810030		0 - 3000 rpm	pulses	61444	190	0x17
A2C3832800001	A2C3832800010	A2C3832800030		0 - 4000 rpm	pulses	61444	190	0x17
A2C3832790001	A2C3832790010	A2C3832790030		0 - 5000 rpm	pulses	61444	190	0x17
		A2C3832820031	AMBER	0 - 2500 rpm	pulses	61444	190	0x17
		A2C3832810031		0 - 3000 rpm	pulses	61444	190	0x17
		A2C3832800031		0 - 4000 rpm	pulses	61444	190	0x17
		A2C3832790031		0 - 5000 rpm	pulses	61444	190	0x17
		A2C3832820032	RED	0 - 2500 rpm	pulses	61444	190	0x17
		A2C3832810032		0 - 3000 rpm	pulses	61444	190	0x17
		A2C3832800032		0 - 4000 rpm	pulses	61444	190	0x17
		A2C3832790032		0 - 5000 rpm	pulses	61444	190	0x17
		A2C3832820033	GREEN	0 - 2500 rpm	pulses	61444	190	0x17
		A2C3832810033		0 - 3000 rpm	pulses	61444	190	0x17
		A2C3832800033		0 - 4000 rpm	pulses	61444	190	0x17
		A2C3832790033		0 - 5000 rpm	pulses	61444	190	0x17
		A2C3832820034	BLUE	0 - 2500 rpm	pulses	61444	190	0x17
		A2C3832810034		0 - 3000 rpm	pulses	61444	190	0x17
		A2C3832800034		0 - 4000 rpm	pulses	61444	190	0x17
		A2C3832790034		0 - 5000 rpm	pulses	61444	190	0x17

52mm TACHOMETERS



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833030001	A2C3833030025	n.d.	WHITE	0 - 4000 rpm	n.d.	61444	190	0x17

52 mm AMMETERS:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833090001	A2C3833090025	A2C3833090030	WHITE	-30 +30 AMP	-60 +60 mV	65271	114	0x29
A2C3833080001	A2C3833080025	A2C3833080030		-60 +60 AMP	-60 +60 mV	65271	114	0x29
A2C3833070001	A2C3833070025	A2C3833070030		-100 +100 AMP	-60 +60 mV	65271	114	0x29
A2C3833060001	A2C3833060025	A2C3833060030		-150 +150 AMP	-60 +60 mV	65271	114	0x29
		A2C3833090031	AMBER	-30 +30 AMP	-60 +60 mV	65271	114	0x29
		A2C3833080031		-60 +60 AMP	-60 +60 mV	65271	114	0x29
		A2C3833070031		-100 +100 AMP	-60 +60 mV	65271	114	0x29
		A2C3833060031		-150 +150 AMP	-60 +60 mV	65271	114	0x29
		A2C3833090032	RED	-30 +30 AMP	-60 +60 mV	65271	114	0x29
		A2C3833080032		-60 +60 AMP	-60 +60 mV	65271	114	0x29
		A2C3833070032		-100 +100 AMP	-60 +60 mV	65271	114	0x29
		A2C3833060032		-150 +150 AMP	-60 +60 mV	65271	114	0x29
		A2C3833090033	GREEN	-30 +30 AMP	-60 +60 mV	65271	114	0x29
		A2C3833080033		-60 +60 AMP	-60 +60 mV	65271	114	0x29
		A2C3833070033		-100 +100 AMP	-60 +60 mV	65271	114	0x29
		A2C3833060033		-150 +150 AMP	-60 +60 mV	65271	114	0x29
		A2C3833090034	BLUE	-30 +30 AMP	-60 +60 mV	65271	114	0x29
		A2C3833080034		-60 +60 AMP	-60 +60 mV	65271	114	0x29
		A2C3833070034		-100 +100 AMP	-60 +60 mV	65271	114	0x29
		A2C3833060034		-150 +150 AMP	-60 +60 mV	65271	114	0x29

52 mm AdBLUE CONCENTRATION:



DEF



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3832760001	A2C3832760025	n.a.	WHITE	0 - 100%	n.a.	64923	3516	0x27

52 mm AdBLUE LEVEL :



DEF



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833550001	A2C3833550025	A2C3833550030	WHITE	0 - 1/1	3 - 180 Ω	65110	1761	0x27
A2C3832750001	A2C3832750025	A2C3832750030		E - F	240 - 33,5 Ω	65110	1761	0x27

52 mm AdBLUE LEVEL

Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max- units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
		A2C3833550031	AMBER	0 - 1/1	3 - 180 Ω	65110	1761	0x27
		A2C3832750031		E - F	240 - 33,5 Ω	65110	1761	0x27
		A2C3833550032	RED	0 - 1/1	3 - 180 Ω	65110	1761	0x27
		A2C3832750032		E - F	240 - 33,5 Ω	65110	1761	0x27
		A2C3833550033	GREEN	0 - 1/1	3 - 180 Ω	65110	1761	0x27
		A2C3832750033		E - F	240 - 33,5 Ω	65110	1761	0x27
		A2C3833550034	BLUE	0 - 1/1	3 - 180 Ω	65110	1761	0x27
		A2C3832750034		E - F	240 - 33,5 Ω	65110	1761	0x27

52 mm FUEL LEVEL:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max- units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833100001	A2C3833100025	A2C3833100030	WHITE	0 - 1	3 - 180 Ω	65276	96	0x27
A2C3833110001	A2C3833110025	A2C3833110030		0 - 1	90 - 5 Ω	65276	96	0x27
A2C3833120001	A2C3833120025	A2C3833120030		E - F	3 - 180 Ω	65276	96	0x27
A2C3833130001	A2C3833130025	A2C3833130030		E - F	240 - 33,5 Ω	65276	96	0x27
A2C3833140001	A2C3833140025	A2C3833140030		E - F	0 - 90 Ω	65276	96	0x27
A2C3833150001	A2C3833150025	A2C3833150030		E - F	90 - 5 Ω	65276	96	0x27
A2C3916300001	A2C3916300025	A2C3916300030		E - F	0 - 5V	65276	96	0x27
		A2C3833100031	AMBER	0 - 1	3 - 180 Ω	65276	96	0x27
		A2C3833110031		0 - 1	90 - 5 Ω	65276	96	0x27
		A2C3833120031		E - F	3 - 180 Ω	65276	96	0x27
		A2C3833130031		E - F	240 - 33,5 Ω	65276	96	0x27
		A2C3833140031		E - F	0 - 90 Ω	65276	96	0x27
		A2C3833150031		E - F	90 - 5 Ω	65276	96	0x27
		A2C3916300031		E - F	0 - 5V	65276	96	0x27
		A2C3833100032	RED	0 - 1	3 - 180 Ω	65276	96	0x27
		A2C3833110032		0 - 1	90 - 5 Ω	65276	96	0x27
		A2C3833120032		E - F	3 - 180 Ω	65276	96	0x27
		A2C3833130032		E - F	240 - 33,5 Ω	65276	96	0x27
		A2C3833140032		E - F	0 - 90 Ω	65276	96	0x27
		A2C3833150032		E - F	90 - 5 Ω	65276	96	0x27
		A2C3916300032		E - F	0 - 5V	65276	96	0x27
		A2C3833100033	GREEN	0 - 1	3 - 180 Ω	65276	96	0x27
		A2C3833110033		0 - 1	90 - 5 Ω	65276	96	0x27
		A2C3833120033		E - F	3 - 180 Ω	65276	96	0x27
		A2C3833130033		E - F	240 - 33,5 Ω	65276	96	0x27
		A2C3833140033		E - F	0 - 90 Ω	65276	96	0x27
		A2C3833150033		E - F	90 - 5 Ω	65276	96	0x27
		A2C3916300033		E - F	0 - 5V	65276	96	0x27
		A2C3833100034	BLUE	0 - 1	3 - 180 Ω	65276	96	0x27
		A2C3833110034		0 - 1	90 - 5 Ω	65276	96	0x27
		A2C3833120034		E - F	3 - 180 Ω	65276	96	0x27
		A2C3833130034		E - F	240 - 33,5 Ω	65276	96	0x27
		A2C3833140034		E - F	0 - 90 Ω	65276	96	0x27
		A2C3833150034		E - F	90 - 5 Ω	65276	96	0x27
		A2C3916300034		E - F	0 - 5V	65276	96	0x27

52 mm AIR PRESSURE (GENERIC):



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max- units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833440001	A2C3833440025	A2C3833440030	WHITE	0 - 150 psi	10 - 184 Ω		n.d.	
		A2C3833440031	AMBER	0 - 150 psi	10 - 184 Ω		n.d.	
		A2C3833440032	RED	0 - 150 psi	10 - 184 Ω		n.d.	
		A2C3833440033	GREEN	0 - 150 psi	10 - 184 Ω		n.d.	
		A2C3833440034	BLUE	0 - 150 psi	10 - 184 Ω		n.d.	

52 mm BRAKE PRESSURE:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max- units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833450001	A2C3833450025	A2C3833450030	WHITE	0 - 10 bar	10 - 184 Ω	65274	117	0x25
A2C3832710001	A2C3832710025	A2C3832710030		0 - 16 bar	0.5 - 4.5 V	65274	117	0x25
A2C3833480001	A2C3833480025	A2C3833480030		0 - 150 psi	10 - 184 Ω	65274	117	0x25
A2C3832730001	A2C3832730025	A2C3832730030		0 - 250 psi	0.5 - 4.5 V	65274	117	0x25
		A2C3833450031	AMBER	0 - 10 bar	10 - 184 Ω	65274	117	0x25
		A2C3832710031		0 - 16 bar	0.5 - 4.5 V	65274	117	0x25
		A2C3833480031		0 - 150 psi	10 - 184 Ω	65274	117	0x25
		A2C3832730031		0 - 250 psi	0.5 - 4.5 V	65274	117	0x25
		A2C3833450032	RED	0 - 10 bar	10 - 184 Ω	65274	117	0x25
		A2C3832710032		0 - 16 bar	0.5 - 4.5 V	65274	117	0x25
		A2C3833480032		0 - 150 psi	10 - 184 Ω	65274	117	0x25
		A2C3832730032		0 - 250 psi	0.5 - 4.5 V	65274	117	0x25
		A2C3833450033	GREEN	0 - 10 bar	10 - 184 Ω	65274	117	0x25
		A2C3832710033		0 - 16 bar	0.5 - 4.5 V	65274	117	0x25
		A2C3833480033		0 - 150 psi	10 - 184 Ω	65274	117	0x25
		A2C3832730033		0 - 250 psi	0.5 - 4.5 V	65274	117	0x25
		A2C3833450034	BLUE	0 - 10 bar	10 - 184 Ω	65274	117	0x25
		A2C3832710034		0 - 16 bar	0.5 - 4.5 V	65274	117	0x25
		A2C3833480034		0 - 150 psi	10 - 184 Ω	65274	117	0x25
		A2C3832730034		0 - 250 psi	0.5 - 4.5 V	65274	117	0x25

52 mm TRANSMISSION OIL PRESSURE:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833460001	A2C3833460025	A2C3833460030	WHITE	0 - 25 bar	10 - 184 Ω	65272	127	0x23
A2C3832720001	A2C3832720025	A2C3832720030		0 - 30 bar	0.5 - 4.5 V	65272	127	0x23
A2C3833500001	A2C3833350025	A2C3833350030		0 - 400 psi	10 - 184 Ω	65272	127	0x23
A2C3832740001	A2C3832740025	A2C3832740030		0 - 500 psi	0.5 - 4.5 V	65272	127	0x23
		A2C3833460031	AMBER	0 - 25 bar	10 - 184 Ω	65272	127	0x23
		A2C3832720031		0 - 30 bar	0.5 - 4.5 V	65272	127	0x23
		A2C3833350031		0 - 400 psi	10 - 184 Ω	65272	127	0x23
		A2C3832740031		0 - 500 psi	0.5 - 4.5 V	65272	127	0x23
		A2C3833460032	RED	0 - 25 bar	10 - 184 Ω	65272	127	0x23
		A2C3832720032		0 - 30 bar	0.5 - 4.5 V	65272	127	0x23
		A2C3833350032		0 - 400 psi	10 - 184 Ω	65272	127	0x23
		A2C3832740032		0 - 500 psi	0.5 - 4.5 V	65272	127	0x23
		A2C3833460033	GREEN	0 - 25 bar	10 - 184 Ω	65272	127	0x23
		A2C3832720033		0 - 30 bar	0.5 - 4.5 V	65272	127	0x23
		A2C3833350033		0 - 400 psi	10 - 184 Ω	65272	127	0x23
		A2C3832740033		0 - 500 psi	0.5 - 4.5 V	65272	127	0x23
		A2C3833460034	BLUE	0 - 25 bar	10 - 184 Ω	65272	127	0x23
		A2C3832720034		0 - 30 bar	0.5 - 4.5 V	65272	127	0x23
		A2C3833350034		0 - 400 psi	10 - 184 Ω	65272	127	0x23
		A2C3832740034		0 - 500 psi	0.5 - 4.5 V	65272	127	0x23

52 mm ENGINE OIL PRESSURE:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833170001	A2C3833170025	A2C3833170030	WHITE	0 - 10 bar	10 - 184 Ω	65263	100	0x22
A2C3832690001	A2C3832690025	A2C3832690030		0 - 10 bar	0.5 - 4.5 V	65263	100	0x22
A2C3833240001	A2C3833240025	A2C3833240030		0 - 150 psi "OIL"	10 - 184 Ω	65263	100	0x22
A2C3833300001	A2C3833300025	A2C3833300030		0 - 150 psi	10 - 184 Ω	65263	100	0x22
A2C3832700001	A2C3832700025	A2C3832700030		0 - 150 psi	0.5 - 4.5 V	65263	100	0x22
A2C3833160001	A2C3833160025	A2C3833160030		0 - 5 bar	10 - 184 Ω	65263	100	0x22
A2C3833230001	A2C3833230025	A2C3833230030		0 - 80 psi	240 - 33,5 Ω	65263	100	0x22
A2C3833190030	A2C3833190025	A2C3833190030		0 - 80 psi	10 - 184 Ω	65263	100	0x22
		A2C3833170031	AMBER	0 - 10 bar	10 - 184 Ω	65263	100	0x22
		A2C3832690031		0 - 10 bar	0.5 - 4.5 V	65263	100	0x22
		A2C3833240031		0 - 150 psi "OIL"	10 - 184 Ω	65263	100	0x22
		A2C3833300031		0 - 150 psi	10 - 184 Ω	65263	100	0x22
		A2C3832700031		0 - 150 psi	0.5 - 4.5 V	65263	100	0x22
		A2C3833160031		0 - 5 bar	10 - 184 Ω	65263	100	0x22
		A2C3833230031		0 - 80 psi	240 - 33,5 Ω	65263	100	0x22
		A2C3833190031		0 - 80 psi	10 - 184 Ω	65263	100	0x22

52 mm ENGINE OIL PRESSURE:

Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
		A2C3833170032	RED	0 - 10 bar	10 - 184 Ω	65263	100	0x22
		A2C3832690032		0 - 10 bar	0.5 - 4.5 V	65263	100	0x22
		A2C3833240032		0 - 150 psi "OIL"	10 - 184 Ω	65263	100	0x22
		A2C3833300032		0 - 150 psi	10 - 184 Ω	65263	100	0x22
		A2C3832700032		0 - 150 psi	0.5 - 4.5 V	65263	100	0x22
		A2C3833160032		0 - 5 bar	10 - 184 Ω	65263	100	0x22
		A2C3833230032		0 - 80 psi	240 - 33,5 Ω	65263	100	0x22
		A2C3833190032		0 - 80 psi	10 - 184 Ω	65263	100	0x22
		A2C3833170033	GREEN	0 - 10 bar	10 - 184 Ω	65263	100	0x22
		A2C3832690033		0 - 10 bar	0.5 - 4.5 V	65263	100	0x22
		A2C3833240033		0 - 150 psi "OIL"	10 - 184 Ω	65263	100	0x22
		A2C3833300033		0 - 150 psi	10 - 184 Ω	65263	100	0x22
		A2C3832700033		0 - 150 psi	0.5 - 4.5 V	65263	100	0x22
		A2C3833160033		0 - 5 bar	10 - 184 Ω	65263	100	0x22
		A2C3833230033		0 - 80 psi	240 - 33,5 Ω	65263	100	0x22
		A2C3833190033		0 - 80 psi	10 - 184 Ω	65263	100	0x22
		A2C3833170034	BLUE	0 - 10 bar	10 - 184 Ω	65263	100	0x22
		A2C3832690034		0 - 10 bar	0.5 - 4.5 V	65263	100	0x22
		A2C3833240034		0 - 150 psi "OIL"	10 - 184 Ω	65263	100	0x22
		A2C3833300034		0 - 150 psi	10 - 184 Ω	65263	100	0x22
		A2C3832700034		0 - 150 psi	0.5 - 4.5 V	65263	100	0x22
		A2C3833160034		0 - 5 bar	10 - 184 Ω	65263	100	0x22
		A2C3833230034		0 - 80 psi	240 - 33,5 Ω	65263	100	0x22
		A2C3833190034		0 - 80 psi	10 - 184 Ω	65263	100	0x22

52 mm TURBO PRESSURE:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833490001	A2C3833490025	A2C3833490030	WHITE	0 - 2 bar	10 - 184 Ω	65270	102	0x24
A2C3833470001	A2C3833470025	A2C3833470030		0 - 60 psi	10 - 184 Ω	65270	102	0x24
		A2C3833490031	AMBER	0 - 2 bar	10 - 184 Ω	65270	102	0x24
		A2C3833470031		0 - 60 psi	10 - 184 Ω	65270	102	0x24
		A2C3833490032	RED	0 - 2 bar	10 - 184 Ω	65270	102	0x24
		A2C3833470032		0 - 60 psi	10 - 184 Ω	65270	102	0x24
		A2C3833490033	GREEN	0 - 2 bar	10 - 184 Ω	65270	102	0x24
		A2C3833470033		0 - 60 psi	10 - 184 Ω	65270	102	0x24
		A2C3833490034	BLUE	0 - 2 bar	10 - 184 Ω	65270	102	0x24
		A2C3833470034		0 - 60 psi	10 - 184 Ω	65270	102	0x24



52 mm EXHAUST GAS TEMPERATURE:



PYRO



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833040001	A2C3833040025	A2C3833040030	WHITE	0 - 1000 °C	4,1 - 37,7 mV	65270	173	0x30
A2C3833050001	A2C3833050025	A2C3833050030		0 - 2000 °F	4,1 - 37,7 mV	65270	173	0x30
		A2C3833040031	AMBER	0 - 1000 °C	4,1 - 37,7 mV	65270	173	0x30
		A2C3833050031		0 - 2000 °F	4,1 - 37,7 mV	65270	173	0x30
		A2C3833040032	RED	0 - 1000 °C	4,1 - 37,7 mV	65270	173	0x30
		A2C3833050032		0 - 2000 °F	4,1 - 37,7 mV	65270	173	0x30
		A2C3833040033	GREEN	0 - 1000 °C	4,1 - 37,7 mV	65270	173	0x30
		A2C3833050033		0 - 2000 °F	4,1 - 37,7 mV	65270	173	0x30
		A2C3833040034	BLUE	0 - 1000 °C	4,1 - 37,7 mV	65270	173	0x30
		A2C3833050034		0 - 2000 °F	4,1 - 37,7 mV	65270	173	0x30

52 mm CYLINDER TEMPERATURE:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833520001	A2C3833520025	A2C3833520030	WHITE	60 - 200 °C	482,5- 14,3 Ω		n.d.	
A2C3833530001	A2C3833530025	A2C3833530030		150 - 400 °F	482,5- 14,3 Ω		n.d.	
		A2C3833520031	AMBER	60 - 200 °C	482,5- 14,3 Ω		n.d.	
		A2C3833530031		150 - 400 °F	482,5- 14,3 Ω		n.d.	
		A2C3833520032	RED	60 - 200 °C	482,5- 14,3 Ω		n.d.	
		A2C3833530032		150 - 400 °F	482,5- 14,3 Ω		n.d.	
		A2C3833520033	GREEN	60 - 200 °C	482,5- 14,3 Ω		n.d.	
		A2C3833530033		150 - 400 °F	482,5- 14,3 Ω		n.d.	
		A2C3833520034	BLUE	60 - 200 °C	482,5- 14,3 Ω		n.d.	
		A2C3833530034		150 - 400 °F	482,5- 14,3 Ω		n.d.	

52 mm HYDRAULIC OIL TEMPERATURE:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833510001	A2C3833510025	A2C3833510030	WHITE	60 - 120 °C	287,4 - 22,7 Ω	65128	1638	0x21
A2C3916310001	A2C3916310025	A2C3916310030		0 - 250 °F	287,4 - 22,7 Ω	65128	1638	0x21
		A2C3833510031	AMBER	60 - 120 °C	287,4 - 22,7 Ω	65128	1638	0x21
		A2C3916310031		0 - 250 °F	287,4 - 22,7 Ω	65128	1638	0x21
		A2C3833510032	RED	60 - 120 °C	287,4 - 22,7 Ω	65128	1638	0x21
		A2C3916310032		0 - 250 °F	287,4 - 22,7 Ω	65128	1638	0x21

52 mm HYDRAULIC OIL PRESSURE:

Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
		A2C3833510033	GREEN	60 - 120 °C	287,4 - 22,7 Ω	65128	1638	0x21
		A2C3916310033		0 - 250 °F	287,4 - 22,7 Ω	65128	1638	0x21
		A2C3833510034	BLUE	60 - 120 °C	287,4 - 22,7 Ω	65128	1638	0x21
		A2C3916310034		0 - 250 °F	287,4 - 22,7 Ω	65128	1638	0x21

52 mm ENGINE OIL TEMPERATURE:





Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units) - Symbol	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833380001	A2C3833380025	A2C3833380030	WHITE	50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
A2C3833390001	A2C3833390025	A2C3833390030		50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
A2C3833410001	A2C3833410025	A2C3833410030		100 - 300 °F	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833380031	AMBER	50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833390031		50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833410031		100 - 300 °F	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833380032	RED	50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833390032		50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833410032		100 - 300 °F	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833380033	GREEN	50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833390033		50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833410033		100 - 300 °F	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833380034	BLUE	50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833390034		50 - 150 °C	322,8 - 18,6 Ω	65262	175	0x19
		A2C3833410034		100 - 300 °F	322,8 - 18,6 Ω	65262	175	0x19

52 mm ENGINE COOLANT TEMPERATURE:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3833320001	A2C3833320025	A2C3833320030	WHITE	40 - 120 °C	287,4 - 22,7 Ω	65262	110	0x18
A2C3833330001	A2C3833330025	A2C3833330030		40 - 120 °C	287,4 - 22,7 Ω	65262	110	0x18
A2C3833340001	A2C3833340025	A2C3833340030		100 - 250 °F	450 - 30 Ω	65262	110	0x18
A2C3833350001	A2C3833350001	A2C3833350030		100 - 250 °F	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833320031	AMBER	40 - 120 °C	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833330031		40 - 120 °C	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833340031		100 - 250 °F	450 - 30 Ω	65262	110	0x18
		A2C3833350031		100 - 250 °F	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833320032	RED	40 - 120 °C	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833330032		40 - 120 °C	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833340032		100 - 250 °F	450 - 30 Ω	65262	110	0x18
		A2C3833350032		100 - 250 °F	287,4 - 22,7 Ω	65262	110	0x18

52 mm ENGINE COOLANT TEMPERATURE:

Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
		A2C3833320033	GREEN	40 - 120 °C	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833330033		40 - 120 °C 	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833340033		100 - 250 °F	450 - 30 Ω	65262	110	0x18
		A2C3833350033		100 - 250 °F	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833320034	BLUE	40 - 120 °C	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833330034		40 - 120 °C 	287,4 - 22,7 Ω	65262	110	0x18
		A2C3833340034		100 - 250 °F	450 - 30 Ω	65262	110	0x18
		A2C3833350034		100 - 250 °F	287,4 - 22,7 Ω	65262	110	0x18

52 mm VOLTMETER:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C3832770001	A2C3832770025	A2C3832770030	WHITE	8 - 16 V	n.d.	65271	168	0x28
A2C3832780001	A2C3832780025	A2C3832780030		16 - 32 V	n.d.	65271	168	0x28
		A2C3832770031	AMBER	8 - 16 V	n.d.	65271	168	0x28
		A2C3832780031		16 - 32 V	n.d.	65271	168	0x28
		A2C3832770032	RED	8 - 16 V	n.d.	65271	168	0x28
		A2C3832780032		16 - 32 V	n.d.	65271	168	0x28
		A2C3832770033	GREEN	8 - 16 V	n.d.	65271	168	0x28
		A2C3832780033		16 - 32 V	n.d.	65271	168	0x28
		A2C3832770034	BLUE	8 - 16 V	n.d.	65271	168	0x28
		A2C3832780034		16 - 32 V	n.d.	65271	168	0x28

52 mm BRAKE PRESSURE 1:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C1800310001	A2C1800310025	A2C1800310030	WHITE					
		A2C1800310031	AMBER	10 bar	0 - 5 V	65274	117	0x25
		A2C1800310032	RED	10 bar	0 - 5 V	65274	117	0x25
		A2C1800310033	GREEN	10 bar	0 - 5 V	65274	117	0x25
		A2C1800310034	BLUE	10 bar	0 - 5 V	65274	117	0x25

52 mm BRAKE PRESSURE 2:



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C1800330001	A2C1800330025	A2C1800330030	WHITE					
		A2C1800330031	AMBER	10 bar	0 - 5 V	65274	117	0x25
		A2C1800330032	RED	10 bar	0 - 5 V	65274	117	0x25
		A2C1800330033	GREEN	10 bar	0 - 5 V	65274	117	0x25
		A2C1800330034	BLUE	10 bar	0 - 5 V	65274	117	0x25

52 mm BRAKE PRESSURE P



Single pack	Bulk (25 pcs)	Aftermarket pack	Backlight color	Scale (min-max-units)	Analogue input range	CAN PGN	CAN SPN	CAN Source Address
A2C1800340001	A2C1800340025	A2C1800340030	WHITE					
		A2C1800340031	AMBER	10 bar	0 - 5 V	65274	117	0x25
		A2C1800340032	RED	10 bar	0 - 5 V	65274	117	0x25
		A2C1800340033	GREEN	10 bar	0 - 5 V	65274	117	0x25
		A2C1800340034	BLUE	10 bar	0 - 5 V	65274	117	0x25