

DAIMLER TRUCK

- Selection of actual value group
- Vehicle data
- Recording of data
- + Grouping by components
- + Grouping by actual values
- Display of all actual values
- + Individual actual value groups

DAIMLER TRUCK

No.		Name	Actual value	Specified value
☐ AS001		Current engine speed	499.25 1/min	[0.00 .. 2200.00]
☐ AS002		Coolant temperature	88.00°C	[-30.00 .. 105.00]
☐ AS003		Atmospheric pressure	1.00000bar	[0.80000 .. 1.10000]
☐ AS004		Power supply of control unit 'A60 (Exhaust aftertreatment (ACM) control unit)'	28.26V	[8.00 .. 32.00]
☐ AS010		Intake air temperature	0.00°C	[-35.00 .. 100.00]
☐ AS013		Engine output	3.18%	[0.00 .. 100.00]
☐ AS018		Exhaust temperature upstream of SCR catalytic converter	109.00°C	[-35.00 .. 700.00]
☐ AS019		Exhaust temperature downstream of SCR catalytic converter	135.00°C	[-35.00 .. 700.00]
☐ AS022		Temperature in AdBlue® tank	0.00°C	[-30.00 .. 60.00]
☐ AS023		Inside temperature of control unit	49.00°C	[-30.00 .. 80.00]
☐ AS024		Fill level of AdBlue® tank (computed value)	62.45%	[10.00 .. 100.00]
☐ AS025		Fill level of AdBlue® tank	62.45%	[2.50 .. 100.00]
☐ AS028		Fuel flow rate	1.17kg/h	[0.00 .. 105.00]
☐ AS042		Vehicle AT STANDSTILL	YES	
☐ AS043		Volume of fuel tank	368.00L	[10.00 .. 1000.00]
☐ AS053		Ambient temperature	27.50°C	
☐ AS069		Operating condition of combustion engine	IDLE SPEED	
☐ AS077		Current vehicle speed	0.00km/h	[0.00 .. 120.00]
☐ AS079		Readiness request of component 'A58 (Pump module)'	ON	OFF, ON, POWER-DOWN
☐ AS080		Requested AdBlue® metering amount	0.00g/h	
☐ AS087		Total AdBlue® consumption	758kg	[0 .. 4000000]
☐ AS094		Signal voltage of component 'B74 b1 (AdBlue® tank fill level sensor)'	1.79V	[0.50 .. 3.00]
☐ AS101		Efficiency of NOx conversion	0.03	
☐ AS110		Pressure in AdBlue® supply circuit	10bar	[0.0 .. 10]
☐ AS111		NOx concentration upstream of SCR catalytic converter	0.00ppm	[0.00 .. 1650.00]
☐ AS112		Lambda value of NOx sensor upstream of exhaust aftertreatment	50.00	[0.00 .. 51.00]
☒ AS113		Temperature of NOx sensor upstream of exhaust aftertreatment	0.00°C	[-40.00 .. 1000.00]
☐ AS114		NOx concentration downstream of SCR catalytic converter	0.00ppm	[0.00 .. 1650.00]
☐ AS115		Lambda value of NOx sensor downstream of exhaust aftertreatment	50.00	[0.00 .. 51.00]
☐ AS116		Temperature of NOx sensor downstream of exhaust aftertreatment	119.00°C	[-40.00 .. 1000.00]
☐ AS117		Number of operating hours since fault detection in exhaust aftertreatment system	0h	[0 .. 70000]
☐ AS130		Number of operating hours in last	0h	

DAIMLER TRUCK

measuring period				
☐	AS131		AdBlue® consumption in last measuring period	0.00kg
☐	AS132		AdBlue® consumption in next to last measuring period	0.00kg
☐	AS133		Actuation duration of AdBlue® heating elements in last measuring period	0.0h
☐	AS134		Actuation duration of AdBlue® heating elements in next to last measuring period	0.0h
☐	AS135		Actuation duration of AdBlue® heating elements in total measuring period	30.6h
☐	AS143		Rpm of AdBlue® delivery pump	1002.00 1/min
☐	DS001		Ignition (circuit 15):	ON ON
☐	DS001		Combustion engine RUNNING	YES NO, YES
☐	DS002		AdBlue® metering device	ACTIVE NOT ACTIVE, ACTIVE
☐	DS002		Exhaust aftertreatment system	ENABLED
☐	DS002		Status of AdBlue® metering device	OK OK
☐	DS002		Status of CAN bus	OPERATIONAL NOT FULLY OPERATIONAL, OPERATIONAL
☐	DS003		Status of component 'A58 m25 (AdBlue® delivery pump)'	NOT ENABLED NOT ENABLED, ENABLED
☐	DS004		Actuation of component 'R7 (AdBlue® intake line heating element)'	NOT ACTIVE NOT ACTIVE, ACTIVE
☐	DS004		Actuation of component 'R8 (AdBlue® pressure line heating element)'	NOT ACTIVE NOT ACTIVE, ACTIVE
☐	DS005		Actuation of component 'R6 (AdBlue® return line heating element)'	NOT ACTIVE NOT ACTIVE, ACTIVE
☐	DS006		Indicator lamp 'CEL (Check Engine Lamp)'	OFF OFF
☐	DS006		Warning buzzer	OFF OFF
☐	DS006		Indicator lamp 'SEL (Stop Engine Lamp)'	ON OFF
☐	DS007		Signal 'Lambda value of NOx sensor upstream of exhaust aftertreatment'	INVALID VALID, INVALID
☐	DS007		Signal 'NOx concentration upstream of SCR catalytic converter'	INVALID VALID, INVALID
☐	DS007		Power supply of component 'A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)'	NOT OK NOT OK, OK
☐	DS007		Operating temperature of component 'A70 b1 (NOx sensor, exhaust aftertreatment unit inlet)'	NOT REACHED NOT REACHED, REACHED
☐	DS009		Signal 'Lambda value of NOx sensor downstream of exhaust aftertreatment'	INVALID VALID, INVALID
☐	DS009		Signal 'NOx concentration downstream of SCR catalytic converter'	INVALID VALID, INVALID
☐	DS009		Power supply of component 'A57 (NOx sensor control unit, exhaust aftertreatment unit outlet)'	OK NOT OK, OK
☐	DS009		Operating temperature of component	REACHED NOT

DAIMLER TRUCK

		'A57 b1 (NOx sensor, exhaust aftertreatment unit outlet)		REACHED, REACHED
☐ DS011		Actuation of component 'A67 y3 (AdBlue® metering valve)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
☐ DS011		Actuation of component 'A67 r1 (AdBlue® metering valve heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE

DAIMLER TRUCK

Control unit 'A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)' determines the actual value via component 'A70 b1 (NOx sensor, exhaust aftertreatment unit inlet)' and makes it available to control unit 'A60 (Exhaust aftertreatment (ACM) control unit)' in the form of a CAN signal.

- A60.X2.120/52 : CAN line high - A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)
- A60.X2.120/53 : CAN line low - A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)