

- 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

No.		Name	Actual value	Specified value
☐ AS001		Current engine speed	499.75 1/min	[0.00 .. 2200.00]
☐ AS002		Coolant temperature	87.00°C	[-30.00 .. 105.00]
☐ AS003		Atmospheric pressure	1.00500bar	[0.80000 .. 1.10000]
☐ AS004		Power supply of control unit 'A60 (Exhaust aftertreatment (ACM) control unit)'	28.22V	[8.00 .. 32.00]
☐ AS010		Intake air temperature	0.00°C	[-35.00 .. 100.00]
☐ AS013		Engine output	7.10%	[0.00 .. 100.00]
☐ AS018		Exhaust temperature upstream of SCR catalytic converter	118.00°C	[-35.00 .. 700.00]
☐ AS019		Exhaust temperature downstream of SCR catalytic converter	141.00°C	[-35.00 .. 700.00]
☐ AS022		Temperature in AdBlue® tank	32.00°C	[-30.00 .. 60.00]
☐ AS023		Inside temperature of control unit	42.00°C	[-30.00 .. 80.00]
☐ AS024		Fill level of AdBlue® tank (computed value)	99.99%	[10.00 .. 100.00]
☐ AS025		Fill level of AdBlue® tank	100.00%	[2.50 .. 100.00]
☐ AS028		Fuel flow rate	1.53kg/h	[0.00 .. 105.00]
☐ AS042		Vehicle AT STANDSTILL	YES	
☐ AS043		Volume of fuel tank	368.00L	[10.00 .. 1000.00]
☐ AS053		Ambient temperature	25.50°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	135kg	[0 .. 4000000]
☐ AS094		Signal voltage of component 'B74 b1 (AdBlue® tank fill level sensor)'	2.70V	[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	99.00ppm	[0.00 .. 1650.00]
☐ AS112		Lambda value of NOx sensor upstream of exhaust aftertreatment	5.80	[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	0.00°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 measuring period	0h	
☐ 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	6.9h	
☐ AS143		Rpm of AdBlue® delivery pump	953.00 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)'	OFF	OFF
☐	DS007		Signal 'Lambda value of NOx sensor upstream of exhaust aftertreatment'	VALID	VALID, INVALID
☐	DS007		Signal 'NOx concentration upstream of SCR catalytic converter'	VALID	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)'	NOT OK	NOT OK, OK
☐	DS009		Operating temperature of component 'A57 b1 (NOx sensor, exhaust aftertreatment unit outlet)'	NOT REACHED	NOT 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

Control unit 'A57 (NOx sensor control unit, exhaust aftertreatment unit outlet)' determines the actual value via component 'A57 b1 (NOx sensor, exhaust aftertreatment unit outlet)' and makes it available to control unit 'A60 (Exhaust aftertreatment (ACM) control unit)' in the form of a CAN signal.

- A60.X2.120/40 : CAN line high - A57 (NOx sensor control unit, exhaust aftertreatment unit outlet)
- A60.X2.120/41 : CAN line low - A57 (NOx sensor control unit, exhaust aftertreatment unit outlet)