Data types

Unless specified in a parameter description, these are the possible values for used types:

Type	Description
BOOL	Either **true** of **false**
BYTE	An integer value between **-128** and **127**
SHORT	An integer value between **-32768** and **32767**
INT	An integer value between **-2147483648** and **2147483647**
LONG	An integer value between **-9223372036854775808** and **9223372036854775807**
BIGINT	An integer value with **unlimited** range
DOUBLE	A decimal point value between **-1.7976931348623157E+308** and **1.7976931348623157E+308**
STRING	Any text with **unlimited** length

Parameter reference for XG_IOTM

Parameter	Type	Description
command.outputId	DOUBLE	Command output ID.
command.responseCode	DOUBLE	Command response code.
command.uniqueId	DOUBLE	Command unique ID.
device.CAN1activityPresent	BOOL	Sensor CAN1 activity present.
device.CAN2activityPresent	BOOL	Sensor CAN2 activity present.
device.DTCcaptured	BOOL	Sensor dtc captured.
device.agcMonitor	INT	GPS quality parameter (automatic gain control).
device.alarmSmsNumber	STRING	Sensor alarm sms number.
device.apnName	STRING	Sensor apn name.
device.apnPassword	STRING	Sensor apn password.
device.apnUser	STRING	Sensor apn user.
device.battery	INT	Battery voltage in millivolts.
device.batteryCharge	SHORT	Percentage 0-100.
device.batteryTemperature1	DOUBLE	Temperature in celsius degrees.
device.batteryTemperature2	DOUBLE	Temperature in celsius degrees.
device.batteryTemperature3	DOUBLE	Temperature in celsius degrees.
device.batteryTemperature4	DOUBLE	Temperature in celsius degrees.
device.can.can1Command	INT	Command Identifier, that is used by canbase_b function on CAN1.
device.can.can2Command	INT	Command Identifier, that is used by canbase_b function on CAN2.

device.can.canBitrate1	LONG	CAN1 bits per second.
device.can.canBitrate2	LONG	CAN2 bits per second.
device.can.missedCount	LONG	Counter of missed messages from CAN bus.
device.can.receivedCount	LONG	Counter of received messages from CAN bus.
device.cellular.cellId	INT	E-UTRAN cell identifier.
device.cellular.countryCode	INT	Mobile Country Code.
device.cellular.gprsRegistered	BOOL	Sensor gprs registered.
device.cellular.gsmJamming	BOOL	Sensor gsm jamming.
device.cellular.gsmRegistered	BOOL	Sensor gsm registered.
device.cellular.iccid	STRING	Sensor iccid.
device.cellular.imei	STRING	Imei 15 decimal digits.
device.cellular.imsi	STRING	Sensor imsi.
device.cellular.locAreaCode	INT	Sensor location area code.
device.cellular.modemOn	BOOL	Sensor signal modem on.
device.cellular.networkCode	SHORT	Sensor mobile network code
device.cellular.networkInfo	STRING	Sensor network info
device.cellular.pdpActive	BOOL	Sensor pdp active
device.cellular.preferedOperatorActive	BOOL	Sensor prefered operator active
device.cellular.roaming	BOOL	Sensor roaming.
device.cellular.rssi	SHORT	Received Signal Strength Indication. Reported in raw dBm. **Value** / **Description** 0 – Less than -110 dBm 1-62 – From -110 to -49 dBm with 1dBm steps 63 – -48 dBm or greater 99 – Not Known or Not Detectable
device.cellular.timeAdvance	SHORT	Sensor timing advance.
device.counters.uptime	LONG	Device Uptime.
device.debugSmsNumber	STRING	Sensor debug sms number.
device.dtcoVerion	STRING	Sensor dtco version.
device.dumpState	SHORT	Sensor dump state.
device.externalPowerPresent	BOOL	Sensor external power present.
device.firmware.root	STRING	Sensor firmware version
device.firmwareCell	STRING	Cell module firmware.
device.geozoneInside	BOOL	Sensor inside ozone.
device.geozoneInsideGeozone	BOOL	Sensor goe-zone inside goe-zone.
device.gpsJamming	BOOL	Sensor gnss jamming.
device.hardwareType	SHORT	Sensor hardware type.
device.ibuttonPresent	BOOL	Sensor ibutton present.
device.isobusName	STRING	Sensor isobus name.
device.licensePlate	STRING	Sensor license plate.
device.mqttBrokerStatus	SHORT	Sensor mqtt broker status.
device.oneHourTick	BOOL	Sensor one hour tick.
device.poorGpsSignal	BOOL	Sensor poor gnss signal.
device.preferedIp	STRING	Sensor prefered ip.
device.reserved	BOOL	Reserved.
device.reserved1	BOOL	Reserved1.
device.reset	BOOL	Sensor signal reset

<table>
<tr><td>device.resetReason</td><td>SHORT</td><td>Reset reason.<table><tr><th>Value</th><th>Description</th></tr><tr><td>0</td><td>Unknown reset.</td></tr><tr><td>1</td><td>Hardware watchdog reset.</td></tr><tr><td>2</td><td>Brown-out reset.</td></tr><tr><td>3</td><td>Hibernate reset.</td></tr><tr><td>4</td><td>User reset.</td></tr><tr><td>5</td><td>Software reset. This is initiated by the embedded firmware.</td></tr><tr><td>6</td><td>Power On reset.</td></tr><tr><td>7</td><td>Main oscillator reset.</td></tr></table></td></tr>
<tr><td>device.script.name1</td><td>STRING</td><td>Sensor script 1 name</td></tr>
<tr><td>device.script.name2</td><td>STRING</td><td>Sensor script 2 name</td></tr>
<tr><td>device.script.name3</td><td>STRING</td><td>Sensor script 3 name</td></tr>
<tr><td>device.script.value1</td><td>STRING</td><td>Sensor string 1</td></tr>
<tr><td>device.script.value2</td><td>STRING</td><td>Sensor string 2</td></tr>
<tr><td>device.script.value3</td><td>STRING</td><td>Sensor string 3</td></tr>
<tr><td>device.script.value4</td><td>STRING</td><td>Sensor string 4</td></tr>
<tr><td>device.scriptalue1</td><td>STRING</td><td></td></tr>
<tr><td>device.scriptalue2</td><td>STRING</td><td></td></tr>
<tr><td>device.scriptalue3</td><td>STRING</td><td></td></tr>
<tr><td>device.scriptalue4</td><td>STRING</td><td></td></tr>
<tr><td>device.server1Name</td><td>STRING</td><td>Sensor server 1 name</td></tr>
<tr><td>device.server1Port</td><td>INT</td><td>Sensor server 1 port</td></tr>
<tr><td>device.server2Name</td><td>STRING</td><td>Sensor server 2 name</td></tr>
<tr><td>device.server2Port</td><td>INT</td><td>Sensor server 2 port</td></tr>
<tr><td>device.serverSmsNumber</td><td>STRING</td><td>Sensor server sms number.</td></tr>
<tr><td>device.sixHourTick</td><td>BOOL</td><td>Sensor six hours tick.</td></tr>
<tr><td>device.socketType</td><td>STRING</td><td>Sensor socket type.</td></tr>
<tr><td>device.stackSizeThresholdReached</td><td>BOOL</td><td>Sensor signal stack size threshold reached.</td></tr>
<tr><td>device.staticSignal1</td><td>BOOL</td><td>Sensor static signal 1.</td></tr>
<tr><td>device.staticSignal2</td><td>BOOL</td><td>Sensor static signal 2.</td></tr>
<tr><td>device.staticSignal3</td><td>BOOL</td><td>Sensor static signal 3.</td></tr>
<tr><td>device.staticSignal4</td><td>BOOL</td><td>Sensor static signal 4.</td></tr>
<tr><td>device.staticSignal5</td><td>BOOL</td><td>Sensor static signal 5.</td></tr>
<tr><td>device.systemTimeRegistered</td><td>BOOL</td><td>Sensor system time present.</td></tr>
<tr><td>device.thresholdSignal1</td><td>BOOL</td><td>Sensor threshold signal 1.</td></tr>
<tr><td>device.thresholdSignal2</td><td>BOOL</td><td>Sensor threshold signal 2</td></tr>
<tr><td>device.thresholdSignal3</td><td>BOOL</td><td>Sensor threshold signal 3</td></tr>
<tr><td>device.thresholdSignal4</td><td>BOOL</td><td>Sensor threshold signal 4</td></tr>
<tr><td>device.timeLastDataRegistration</td><td>LONG</td><td>Timestamp of last successful data registration.</td></tr>
<tr><td>device.timer1</td><td>BOOL</td><td>Sensor signal timer 1.</td></tr>
<tr><td>device.timer3Threshold</td><td>BOOL</td><td>Sensor signal timer 3 threshold.</td></tr>
<tr><td>device.timer4Threshold</td><td>BOOL</td><td>Sensor signal timer 4 threshold.</td></tr>
<tr><td>device.timerMs</td><td>DOUBLE</td><td>Sensor ticks from reset ms.</td></tr>
<tr><td>device.vbus.speed</td><td>DOUBLE</td><td>VBUS speed. Speed from the vehicle BUS in kilometers per hour.</td></tr>
<tr><td>device.vin</td><td>STRING</td><td>Sensor VIN.</td></tr>
<tr><td>device.wiegandIdPresent</td><td>BOOL</td><td>Sensor signal wiegand id present.</td></tr>
<tr><td>devicebus.speed</td><td>DOUBLE</td><td>Sensor wheel speed.</td></tr>
<tr><td>engine.load</td><td>DOUBLE</td><td>Engine load in percents.</td></tr>
<tr><td>engine.oil.pressure</td><td>DOUBLE</td><td>Sensor oil pressure.</td></tr>
<tr><td>engine.rpm</td><td>DOUBLE</td><td>RPM. Revolutions per minute.</td></tr>
<tr><td>event.deviceId</td><td>STRING</td><td>Device serial number.</td></tr>
<tr><td>event.guid</td><td>STRING</td><td>Telemetry record ID.</td></tr>
<tr><td>event.timeserver</td><td>DOUBLE</td><td>Server time (processed message).</td></tr>
</table>

event.timestamp	LONG	Seconds since epoch. Midnight, Jan 1, 1970.
gps.acceleration	DOUBLE	Device acceleration.
gps.altitude	DOUBLE	Altitude.
gps.bearing	DOUBLE	GPS heading (Horizontal dilution of precision in tenths of meters).
gps.hdop	DOUBLE	GPS PDOP.
gps.location.lat	DOUBLE	Latitude.
gps.location.lon	DOUBLE	Longitude.
gps.odometer	DOUBLE	Virtual odometer GPS.
gps.satellitesFix	DOUBLE	GPS satellites (Number of satellites used for position fix).
gps.speed	DOUBLE	GPS Speed. Speed from GPS in kilometers per hour.
gps.speedPresent	BOOL	Sensor gps speed present.
log.functionIndex	DOUBLE	Device log. Function index.
log.functionWarning	DOUBLE	Device log. Function warning index.
payload.J1939Errors	STRING	Sensor diagnostic trouble code (DTC)
payload.accelerometerX	DOUBLE	X-vector milli g.
payload.accelerometerY	DOUBLE	Y-vector milli g.
payload.accelerometerZ	DOUBLE	Z-vector milli g.
payload.adblueLevel	DOUBLE	Sensor adblue level.
payload.adc3.value	INT	Sensor adc 3.
payload.adc4.value	INT	Sensor adc 4.
payload.adc5.value	INT	Sensor adc 5.
payload.alarm.activated	BOOL	Sensor alarm.
payload.alarm.armed	BOOL	Sensor armed.
payload.alarm.external	BOOL	Sensor external 1.
payload.alarm.factory	BOOL	Sensor factory alarm.
payload.alarm.shock	BOOL	Sensor shock.
payload.alarm.tilt	BOOL	Sensor tilt.
payload.auxiliaryTankLevel	DOUBLE	Sensor auxiliary tank level.
payload.barometricPressure	DOUBLE	Sensor barometric pressure.
payload.bonnetOpen	BOOL	Sensor bonnet.
payload.canBusStatus.absWarning	BOOL	Sensor abs warning.
payload.canBusStatus.activity	BOOL	Sensor can activity present.
payload.canBusStatus.airBagWarning	BOOL	Sensor airbag warning.
payload.canBusStatus.airConditioning	BOOL	Sensor air conditioning.
payload.canBusStatus.batteryVoltageWarning	BOOL	Sensor battery voltage warning.
payload.canBusStatus.brakeSystemWarning	BOOL	Sensor brake system warning.
payload.canBusStatus.checkEngineWarning	BOOL	Sensor check engine warning.
payload.canBusStatus.coolantFluidWarning	BOOL	Sensor coolant fluid warning.
payload.canBusStatus.cruiseControl	BOOL	Sensor cruise control.
payload.canBusStatus.dpfWarning	BOOL	Sensor dpf warning.
payload.canBusStatus.driverSeatBeltWarning	BOOL	Sensor driver seatbelt warning.
payload.canBusStatus.engineWorking	BOOL	Sensor engine working.
payload.canBusStatus.epcWarning	BOOL	Sensor epc warning.
payload.canBusStatus.espWarning	BOOL	Sensor esp warning.
payload.canBusStatus.footBrake	BOOL	Sensor foot brake.
payload.canBusStatus.glowPlugIndicator	BOOL	Sensor glow plug warning.
payload.canBusStatus.handBrake	BOOL	Sensor handbrake.
payload.canBusStatus.headLampMalfunctinoWarning	BOOL	Sensor headlamp malfunction warning.
payload.canBusStatus.headLightIndicator	BOOL	Sensor headlight indicator.
payload.canBusStatus.highBeamLightIndicator	BOOL	Sensor high beam light indicator.
payload.canBusStatus.keyInserted	BOOL	Sensor key inserted.
payload.canBusStatus.lowBrakePad	BOOL	Sensor low brake pad warning.
payload.canBusStatus.lowFuelLevelWarning	BOOL	Sensor low fuel level warning.
payload.canBusStatus.masterWarning	BOOL	Sensor master warning.
payload.canBusStatus.oilPressureWarning	BOOL	Sensor oil pressure warning.
payload.canBusStatus.parkingLightIndicator	BOOL	Sensor parking light indicator.

payload.canBusStatus.passengerSeatBeltWarning	BOOL	Sensor passenger seatbelt warning.
payload.canBusStatus.readyToDrive	BOOL	Sensor ready to drive.
payload.canBusStatus.retarderAuto	BOOL	Sensor retarder auto.
payload.canBusStatus.retarderManual	BOOL	Sensor retarder manual.
payload.canBusStatus.stopWarning	BOOL	Sensor stop warning.
payload.canBusStatus.tirePressureWarning	BOOL	Sensor tire pressure warning.
payload.canBusStatus.webasto	BOOL	Sensor webasto.
payload.clutchLifeRemaining	DOUBLE	Sensor clutch life remaining.
payload.clutchPedalSwitch	BOOL	Sensor clutch pedal pressed.
payload.cornering	DOUBLE	Sensor cornering.
payload.cruiseControlState	SHORT	Sensor cruise control state.
payload.currentGear	DOUBLE	Sensor current gear.
payload.distanceService	DOUBLE	Sensor service distance.
payload.door.locked	BOOL	Sensor locked.
payload.door.open.frontLeft	BOOL	Sensor doors front left.
payload.door.open.frontRight	BOOL	Sensor doors front right.
payload.door.open.rearLeft	BOOL	Sensor doors rear left.
payload.door.open.rearRight	BOOL	Sensor doors rear right.
payload.dpf1.ashLoad	SHORT	Sensor dpf 1 ash load.
payload.dpf1.sootLoad	SHORT	Sensor dpf 1 soot load.
payload.dpf2.ashLoad	SHORT	Sensor dpf 2 ash load.
payload.dpf2.sootLoad	SHORT	Sensor dpf 2 soot load.
payload.enginePercentTorque	SHORT	Sensor engine percent torque.
payload.engineTemperature	DOUBLE	Sensor engine temperature.
payload.fmsTellTale.status0	LONG	Sensor tell tale status 0.
payload.fmsTellTale.status1	LONG	Sensor tell tale status 1.
payload.fmsTellTale.status2	LONG	Sensor tell tale status 2.
payload.fmsTellTale.status3	LONG	Sensor tell tale status 3.
payload.fmsTellTale.status4	LONG	Sensor tell tale status 4.
payload.frontWiperMode	SHORT	Sensor front wiper mode.
payload.fuelInstantConsumption	DOUBLE	Sensor fuel instant.
payload.fuelInstantEconomy	DOUBLE	Sensor instant fuel economy.
payload.fuelLevel1Raw	SHORT	Sensor fuel level 1.
payload.fuelLevel2Raw	SHORT	Sensor fuel level 2.
payload.fuelLevelType	SHORT	Sensor fuel level type.
payload.fuelRate	DOUBLE	Sensor fuel rate.
payload.fuelRemainingRange	DOUBLE	Sensor range.
payload.geoLastEnter	SHORT	The last geofence that was entered. Default is 0.
payload.harvestedArea	LONG	Sensor harvested area.
payload.humidity	DOUBLE	Sensor humidity.
payload.idDriver1	STRING	Sensor driver 1 id.
payload.idDriver2	STRING	Sensor driver 2 id.
payload.idIbutton	LONG	Sensor ibutton id.
payload.idTrailer	LONG	Sensor trailer id.
payload.idWiegand26	LONG	Sensor id wiegand 26.
payload.ignitionStatus	BOOL	Ignition status.
payload.input2Frequency	INT	Sensor IN2 frequency in Hz
payload.input2PulseCount	INT	Sensor IN2 frequency pulse count
payload.input2PulsePeriod	DOUBLE	Sensor IN2 frequency pulse time between two pulses in seconds
payload.input2State	BOOL	Sensor IN2 state
payload.input3Frequency	INT	Sensor IN3 frequency in Hz
payload.input3PulseCount	INT	Sensor IN3 frequency pulse count
payload.input3PulsePeriod	DOUBLE	Sensor IN3 frequency pulse time between two pulses in seconds
payload.input3State	BOOL	Sensor IN3 state
payload.input4Frequency	INT	Sensor IN4 frequency in Hz

payload.input4PulseCount	INT	Sensor IN4 frequency pulse count
payload.input4PulsePeriod	DOUBLE	Sensor IN4 frequency pulse time between two pulses in seconds
payload.input4State	BOOL	Sensor IN4 state
payload.input5Frequency	INT	Sensor IN5 frequency in Hz
payload.input5PulseCount	INT	Sensor IN5 frequency pulse count
payload.input5PulsePeriod	DOUBLE	Sensor IN5 frequency pulse time between two pulses in seconds
payload.input5State	BOOL	Sensor IN5 state
payload.input6State	BOOL	Sensor IN6 state
payload.input7State	BOOL	Sensor IN7 state
payload.input8State	BOOL	Sensor IN8 state
payload.intakePressure	DOUBLE	Engine Intake Manifold #1 Absolute Pressure: 0 to 500 kPa, 2 kPa/bit
payload.j1979EngineFuelRate	DOUBLE	J1979 Engine fuel rate L/h
payload.j1979EngineRpm	DOUBLE	J1979 Engine RPM
payload.j1979FuelRailPressure	DOUBLE	J1979 Fuel Rail Pressure
payload.j1979Maf	DOUBLE	J1979 MAF air flow rate
payload.mixerRpm	LONG	Sensor RPM (Revolutions per minute).
payload.motionState	BOOL	Sensor motion detected
payload.oneWire.temp.sensor1.id	LONG	Sensor temperature id 1.
payload.oneWire.temp.sensor1.value	DOUBLE	Sensor temperature 1.
payload.oneWire.temp.sensor1alue	DOUBLE	
payload.oneWire.temp.sensor2.id	LONG	Sensor temperature id 2.
payload.oneWire.temp.sensor2.value	DOUBLE	Sensor temperature 2.
payload.oneWire.temp.sensor2alue	DOUBLE	
payload.oneWire.temp.sensor3.id	LONG	Sensor temperature id 3.
payload.oneWire.temp.sensor3.value	DOUBLE	Sensor temperature 3.
payload.oneWire.temp.sensor3alue	DOUBLE	
payload.oneWire.temp.sensor4.id	LONG	Sensor temperature id 4.
payload.oneWire.temp.sensor4.value	DOUBLE	Sensor temperature 4.
payload.oneWire.temp.sensor4alue	DOUBLE	
payload.oneWire.temperature	DOUBLE	Sensor temperature.
payload.outputState	BOOL	Output state.
payload.outputState2	BOOL	Output state 2.
payload.outputState3	BOOL	Output state 3.
payload.outputState4	BOOL	Output state 4.
payload.overturn	BOOL	Sensor overturn.
payload.pedalPosition	DOUBLE	Sensor pedal position.
payload.powerCutReset	INT	Sensor power cut reset.
payload.ptoState	BOOL	Sensor pto enabled.
payload.ptoStateBits	SHORT	Sensor pto state j1939.
payload.retarder.percentTorque	DOUBLE	Sensor retarder percent torque.
payload.retarder.selection	DOUBLE	Sensor retarder selection.
payload.retarder.torqueMode	SHORT	Sensor retarder torque mode.
payload.service1ComponentId1	SHORT	Sensor service 1 component id 1.
payload.service1ComponentId2	SHORT	Sensor service 1 component id 2.
payload.service1ComponentId3	SHORT	Sensor service 1 component id 3.
payload.service2ComponentId	SHORT	Sensor service 2 component id.
payload.serviceDelay	DOUBLE	Sensor service delay op time based.
payload.shock1	BOOL	Sensor shock 1.
payload.shock2	BOOL	Sensor shock 2.
payload.softwareReset	INT	Sensor software reset.
payload.tacho.fileManagerState	SHORT	Sensor tacho file manager state.
payload.tacho.odometer	LONG	Sensor tacho odometer.
payload.tacho.slot1Activity	SHORT	Sensor slot 1 activity.
payload.tacho.slot1Distance	LONG	Sensor slot 1 distance.

payload.tacho.slot1Time	LONG	Sensor slot 1 time.
payload.tacho.slot2Activity	SHORT	Sensor slot 2 activity.
payload.tacho.slot2Distance	LONG	Sensor slot 2 distance.
payload.tacho.slot2Time	LONG	Sensor slot 2 time.
payload.tacho.tco1	LONG	Sensor fms tachograph.
payload.tacho.time	LONG	Sensor tachograph timestamp.
payload.tamper	BOOL	Sensor tamper.
payload.temperature	DOUBLE	Sensor ambient temperature.
payload.temperatureCargoAmbient	DOUBLE	Sensor cargo ambient temperature.
payload.temperatureInterior	DOUBLE	Sensor interior temperature.
payload.temperatureTransmission	DOUBLE	Sensor transmission temperature.
payload.timeOfHarvesting	LONG	Sensor time of harvesting.
payload.timeTillSleep	INT	Sensor time till sleep.
payload.tireCondition	LONG	Sensor tire condition.
payload.topSpeed	SHORT	Sensor top speed.
payload.totalDistance	DOUBLE	Sensor total distance.
payload.totalDistanceHighRes	DOUBLE	Sensor total distance high res.
payload.totalEngineHours	DOUBLE	Sensor total engine hours.
payload.totalFuelUsed	DOUBLE	Sensor total fuel used.
payload.totalFuelUsedHighRes	DOUBLE	Sensor total fuel used high res.
payload.totalFuelUsedIdle	DOUBLE	Sensor idle total fuel used.
payload.totalHoursIdle	DOUBLE	Sensor idle total hours.
payload.tpms.count	DOUBLE	TPMS sensors count in alert.
payload.tpms.values[{index}].age	DOUBLE	
payload.tpms.values[{index}].battery	DOUBLE	
payload.tpms.values[{index}].id	STRING	
payload.tpms.values[{index}].position	STRING	
payload.tpms.values[{index}].pressure	DOUBLE	
payload.tpms.values[{index}].status	STRING	
payload.tpms.values[{index}].temperature	DOUBLE	
payload.transmissionOilLife	DOUBLE	Sensor transmission oil life.
payload.transmissionService	SHORT	Sensor transmission service.
payload.trunkOpen	BOOL	Sensor trunk.
payload.userDefined.s112	BOOL	SENSOR_BOOL_USER_DEFINED_65.
payload.userDefined.s113	BOOL	SENSOR_BOOL_USER_DEFINED_66.
payload.userDefined.s114	BOOL	SENSOR_BOOL_USER_DEFINED_67.
payload.userDefined.s115	BOOL	SENSOR_BOOL_USER_DEFINED_68.
payload.userDefined.s12301	INT	Sensor u16 user defined 0.
payload.userDefined.s12302	INT	Sensor u16 user defined 1.
payload.userDefined.s12303	INT	Sensor u16 user defined 2.
payload.userDefined.s12304	INT	Sensor u16 user defined 3.
payload.userDefined.s12305	INT	Sensor u16 user defined 4.
payload.userDefined.s12306	INT	Sensor u16 user defined 5.
payload.userDefined.s12307	INT	Sensor u16 user defined 6.
payload.userDefined.s12308	INT	Sensor u16 user defined 7.
payload.userDefined.s12309	INT	Sensor u16 user defined 8.
payload.userDefined.s12310	INT	Sensor u16 user defined 9.
payload.userDefined.s12311	INT	Sensor u16 user defined 10.
payload.userDefined.s12312	INT	Sensor u16 user defined 11.
payload.userDefined.s12313	INT	Sensor u16 user defined 12.
payload.userDefined.s12314	INT	Sensor u16 user defined 13.
payload.userDefined.s12315	INT	Sensor u16 user defined 14.
payload.userDefined.s12316	INT	Sensor u16 user defined 15.
payload.userDefined.s16389	LONG	Sensor u32 user defined 0.
payload.userDefined.s16390	LONG	Sensor u32 user defined 1.
payload.userDefined.s16391	LONG	Sensor u32 user defined 2.

payload.userDefined.s16392	LONG	Sensor u32 user defined 3.
payload.userDefined.s16393	LONG	Sensor u32 user defined 4.
payload.userDefined.s16394	LONG	Sensor u32 user defined 5.
payload.userDefined.s16395	LONG	Sensor u32 user defined 6.
payload.userDefined.s16396	LONG	Sensor u32 user defined 7.
payload.userDefined.s16397	LONG	Sensor u32 user defined 8.
payload.userDefined.s16398	LONG	Sensor u32 user defined 9.
payload.userDefined.s16399	LONG	Sensor u32 user defined 10.
payload.userDefined.s16400	LONG	Sensor u32 user defined 11.
payload.userDefined.s16401	LONG	Sensor u32 user defined 12.
payload.userDefined.s16402	LONG	Sensor u32 user defined 13.
payload.userDefined.s16403	LONG	Sensor u32 user defined 14.
payload.userDefined.s16404	LONG	Sensor u32 user defined 15.
payload.userDefined.s16405	LONG	Sensor u32 user defined 16.
payload.userDefined.s16406	LONG	Sensor u32 user defined 17.
payload.userDefined.s16407	LONG	Sensor u32 user defined 18.
payload.userDefined.s16408	LONG	Sensor u32 user defined 19.
payload.userDefined.s16409	LONG	Sensor u32 user defined 20.
payload.userDefined.s16410	LONG	Sensor u32 user defined 21.
payload.userDefined.s16411	LONG	Sensor u32 user defined 22.
payload.userDefined.s16412	LONG	Sensor u32 user defined 23.
payload.userDefined.s16413	LONG	Sensor u32 user defined 24.
payload.userDefined.s16414	LONG	Sensor u32 user defined 25.
payload.userDefined.s16415	LONG	Sensor u32 user defined 26.
payload.userDefined.s16416	LONG	Sensor u32 user defined 27.
payload.userDefined.s16417	LONG	Sensor u32 user defined 28.
payload.userDefined.s16418	LONG	Sensor u32 user defined 29.
payload.userDefined.s16419	LONG	Sensor u32 user defined 30.
payload.userDefined.s16420	LONG	Sensor u32 user defined 31.
payload.userDefined.s16421	LONG	Sensor u32 user defined 32.
payload.userDefined.s16422	LONG	Sensor u32 user defined 33.
payload.userDefined.s16423	LONG	Sensor u32 user defined 34.
payload.userDefined.s16424	LONG	Sensor u32 user defined 35.
payload.userDefined.s16425	LONG	Sensor u32 user defined 36.
payload.userDefined.s16426	LONG	Sensor u32 user defined 37.
payload.userDefined.s16427	LONG	Sensor u32 user defined 38.
payload.userDefined.s16428	LONG	Sensor u32 user defined 39.
payload.userDefined.s16429	LONG	Sensor u32 user defined 40.
payload.userDefined.s16430	LONG	Sensor u32 user defined 41.
payload.userDefined.s16431	LONG	Sensor u32 user defined 42.
payload.userDefined.s16432	LONG	Sensor u32 user defined 43.
payload.userDefined.s16433	LONG	Sensor u32 user defined 44.
payload.userDefined.s16434	LONG	Sensor u32 user defined 45.
payload.userDefined.s16435	LONG	Sensor u32 user defined 46.
payload.userDefined.s16436	LONG	Sensor u32 user defined 47.
payload.userDefined.s16437	LONG	Sensor u32 user defined 48.
payload.userDefined.s16438	LONG	Sensor u32 user defined 49.
payload.userDefined.s16439	LONG	Sensor u32 user defined 50.
payload.userDefined.s16440	LONG	Sensor u32 user defined 51.
payload.userDefined.s16441	LONG	Sensor u32 user defined 52.
payload.userDefined.s16442	LONG	Sensor u32 user defined 53.
payload.userDefined.s16443	LONG	Sensor u32 user defined 54.
payload.userDefined.s16444	LONG	Sensor u32 user defined 55.
payload.userDefined.s16445	LONG	Sensor u32 user defined 56.
payload.userDefined.s16446	LONG	Sensor u32 user defined 57.
payload.userDefined.s16447	LONG	Sensor u32 user defined 58.

payload.userDefined.s16448	LONG	Sensor u32 user defined 59.
payload.userDefined.s16449	LONG	Sensor u32 user defined 60.
payload.userDefined.s16450	LONG	Sensor u32 user defined 61.
payload.userDefined.s16451	LONG	Sensor u32 user defined 62.
payload.userDefined.s16452	LONG	Sensor u32 user defined 63.
payload.userDefined.s16453	LONG	Sensor u32 user defined 64.
payload.userDefined.s16454	LONG	Sensor u32 user defined 65.
payload.userDefined.s16455	LONG	Sensor u32 user defined 66.
payload.userDefined.s16456	LONG	Sensor u32 user defined 67.
payload.userDefined.s16457	LONG	Sensor u32 user defined 68.
payload.userDefined.s16458	LONG	Sensor u32 user defined 69.
payload.userDefined.s16459	LONG	Sensor u32 user defined 70.
payload.userDefined.s16460	LONG	Sensor u32 user defined 71.
payload.userDefined.s16461	LONG	Sensor u32 user defined 72.
payload.userDefined.s16462	LONG	Sensor u32 user defined 73.
payload.userDefined.s16463	LONG	Sensor u32 user defined 74.
payload.userDefined.s16464	LONG	Sensor u32 user defined 75.
payload.userDefined.s16465	LONG	Sensor u32 user defined 76.
payload.userDefined.s16466	LONG	Sensor u32 user defined 77.
payload.userDefined.s16467	LONG	Sensor u32 user defined 78.
payload.userDefined.s16468	LONG	Sensor u32 user defined 79.
payload.userDefined.s20481	LONG	Sensor u64 user defined 0.
payload.userDefined.s20482	LONG	Sensor u64 user defined 1.
payload.userDefined.s20483	LONG	Sensor u64 user defined 2.
payload.userDefined.s24576	SHORT	Sensor s8 user defined 0.
payload.userDefined.s24577	SHORT	Sensor s8 user defined 1.
payload.userDefined.s24578	SHORT	Sensor s8 user defined 2.
payload.userDefined.s24579	SHORT	Sensor s8 user defined 3.
payload.userDefined.s24580	SHORT	Sensor s8 user defined 4.
payload.userDefined.s24581	SHORT	Sensor s8 user defined 5.
payload.userDefined.s24582	SHORT	Sensor s8 user defined 6.
payload.userDefined.s24583	SHORT	Sensor s8 user defined 7.
payload.userDefined.s24584	SHORT	Sensor s8 user defined 8.
payload.userDefined.s24585	SHORT	Sensor s8 user defined 9.
payload.userDefined.s28676	INT	Sensor s16 user defined 0.
payload.userDefined.s28677	INT	Sensor s16 user defined 1.
payload.userDefined.s28678	INT	Sensor s16 user defined 2.
payload.userDefined.s28679	INT	Sensor s16 user defined 3.
payload.userDefined.s28680	INT	Sensor s16 user defined 4.
payload.userDefined.s28681	INT	Sensor s16 user defined 5.
payload.userDefined.s28682	INT	Sensor s16 user defined 6.
payload.userDefined.s28683	INT	Sensor s16 user defined 7.
payload.userDefined.s28684	INT	Sensor s16 user defined 8.
payload.userDefined.s28685	INT	Sensor s16 user defined 9.
payload.userDefined.s32768	LONG	Sensor s32 user defined 0.
payload.userDefined.s32769	LONG	Sensor s32 user defined 1.
payload.userDefined.s32770	LONG	Sensor s32 user defined 2.
payload.userDefined.s32771	LONG	Sensor s32 user defined 3.
payload.userDefined.s32772	LONG	Sensor s32 user defined 4.
payload.userDefined.s32773	LONG	Sensor s32 user defined 5.
payload.userDefined.s32774	LONG	Sensor s32 user defined 6.
payload.userDefined.s32775	LONG	Sensor s32 user defined 7.
payload.userDefined.s32776	LONG	Sensor s32 user defined 8.
payload.userDefined.s32777	LONG	Sensor s32 user defined 9.
payload.userDefined.s40963	DOUBLE	Sensor f32 user defined 0.
payload.userDefined.s40964	DOUBLE	Sensor f32 user defined 1.

payload.userDefined.s40965	DOUBLE	Sensor f32 user defined 2.
payload.userDefined.s40966	DOUBLE	Sensor f32 user defined 3.
payload.userDefined.s40967	DOUBLE	Sensor f32 user defined 4.
payload.userDefined.s40968	DOUBLE	Sensor f32 user defined 5.
payload.userDefined.s40969	DOUBLE	Sensor f32 user defined 6.
payload.userDefined.s40970	DOUBLE	Sensor f32 user defined 7.
payload.userDefined.s40971	DOUBLE	Sensor f32 user defined 8.
payload.userDefined.s40972	DOUBLE	Sensor f32 user defined 9.
payload.userDefined.s40973	DOUBLE	Sensor f32 user defined 10.
payload.userDefined.s40974	DOUBLE	Sensor f32 user defined 11.
payload.userDefined.s40975	DOUBLE	Sensor f32 user defined 12.
payload.userDefined.s40976	DOUBLE	Sensor f32 user defined 13.
payload.userDefined.s40977	DOUBLE	Sensor f32 user defined 14.
payload.userDefined.s40978	DOUBLE	Sensor f32 user defined 15.
payload.userDefined.s40979	DOUBLE	Sensor f32 user defined 16.
payload.userDefined.s40980	DOUBLE	Sensor f32 user defined 17.
payload.userDefined.s40981	DOUBLE	Sensor f32 user defined 18.
payload.userDefined.s40982	DOUBLE	Sensor f32 user defined 19.
payload.userDefined.s8203	SHORT	Sensor u8 user defined 0.
payload.userDefined.s8204	SHORT	Sensor u8 user defined 1.
payload.userDefined.s8205	SHORT	Sensor u8 user defined 2.
payload.userDefined.s8206	SHORT	Sensor u8 user defined 3.
payload.userDefined.s8207	SHORT	Sensor u8 user defined 4.
payload.userDefined.s8208	SHORT	Sensor u8 user defined 5.
payload.userDefined.s8209	SHORT	Sensor u8 user defined 6.
payload.userDefined.s8210	SHORT	Sensor u8 user defined 7.
payload.userDefined.s8211	DOUBLE	Sensor u8 user defined 8.
payload.userDefined.s8212	DOUBLE	Sensor u8 user defined 9.
payload.userDefined.s8213	DOUBLE	Sensor u8 user defined 10.
payload.userDefined.s8214	DOUBLE	Sensor u8 user defined 11.
payload.userDefined.s8215	DOUBLE	Sensor u8 user defined 12.
payload.userDefined.s8216	DOUBLE	Sensor u8 user defined 13.
payload.userDefined.s8217	DOUBLE	Sensor u8 user defined 14.
payload.userDefined.s8218	SHORT	Sensor u8 user defined 15.
payload.userDefined.s8219	SHORT	Sensor u8 user defined 16.
payload.userDefined.s8220	DOUBLE	Sensor u8 user defined 17.
payload.userDefined.s8221	DOUBLE	Sensor u8 user defined 18.
payload.userDefined.s8222	DOUBLE	Sensor u8 user defined 19.
payload.userDefined.s8223	SHORT	Sensor u8 user defined 20.
payload.userDefined.s8224	DOUBLE	Sensor u8 user defined 21.
payload.userDefined.s{index}	BOOL	
payload.voltageExternal	INT	External power voltage.
payload.washerFluidLevel	DOUBLE	Sensor washer fluid level.
payload.weight.axle	LONG	Sensor axle weight.
payload.weight.axle1	DOUBLE	Sensor axle 1 weight.
payload.weight.axle2	DOUBLE	Sensor axle 2 weight.
payload.weight.axle3	DOUBLE	Sensor axle 3 weight.
payload.weight.axle4	DOUBLE	Sensor axle 4 weight.
payload.weight.axle5	DOUBLE	Sensor axle 5 weight.
payload.weight.cargo	DOUBLE	Sensor cargo weight.
payload.weight.grossVehicle	DOUBLE	Sensor gross vehicle weight.
payload.weight.trailer	DOUBLE	Sensor trailer weight.