

Fuel level sensor EFLS-A

EFLS-A analog fuel level sensor detects fuel level in the fuel tank of vehicle, or fuel storage/transportation tank and convert information about current level to output voltage in range of 0.2V...9V. This voltage can be converted in the digital

form by the external devices (ECU, data logger, or telematics module). Sensor has

temperature compensation (fuel level change cancellation in different temperatures). The

connection wires are protected by metal-plastic flexible corrugated tube. Sensors body made from

anode aluminum that gives to a product rust proof and lightness besides it matches IP67 standard

which determines dust and water protection to all electronic components.



Technical data

Parameter, measuring unit	Value
Operating principle	capacitive
Available lengths, m	0.75, 1.5, 3.0 and custom lengths
Supply voltage, Volts DC	11.0 — 30,0
Relative measuring error (to the length of the measuring part), not more than [%]	±1
Power, W	max 0.2
Temperature compensation	Capable in version EFLS-A-T
Output interface – DC voltage, V	0.2V...9V
Operation temperature, C	–40,0 ... +80,0
Dust and water protection standard	IP67