DIPOT (Digital Potentiometer) is an electronic device able to provide a current loop output signal up to ± 20mA.

DIPOT can be connected to different devices like speed governor and AVRs which needs a voltage or current inputs.

The adjustment of the output can be done with UP/DOWN commands or via Modbus, either via CANBUS J1939.

Three configurations available:
From 0 to +20mA
From –10mA to +10mA
From –20mA to +20mA
General info
DIPOT can be used in many applications as an alternative to traditional motorized potentiometers considering the signal output is galvanically isolated from the voltage of the device and from all the signalling commands.

The module is available in different versions:

**DIPOT RS485 0...5V - 0...10V**
Cod. E6102094300XX

**DIPOT RS485 Temperature and Pressure VDO**
Cod. E6102094301XX

**DIPOT CANBUS 0...5V - 0...10V**
Cod. E6102094302XX

**DIPOT CANBUS Temperature and Pressure VDO**
Cod. E6102094303XX

Technical data
- Supply voltage: 7.5…32 Vdc
- Voltage feeder: 12Vdc or 24Vdc
- Power consumption: 8mA - 10V
- Operating temperature: -20 °C to 60 °C
- Weight: 500g
- Overall dimension: 35Wx119Lx101mm
- Panel mounting: by DIN bar EN50022
- EMC: conformity to EN61326-1.
- Safety: built in conformity to EN61010-1

If required, available tropicalized version for hazardous areas.