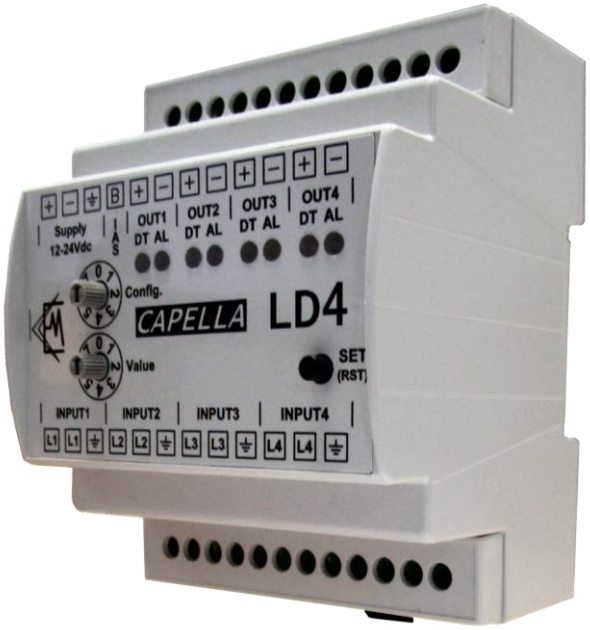
Capella LD2 / LD4
Loop Detector

The CAPELLA LD2 or LD4, process the signals from the inductive loop sensors (1 to 4) for vehicles detection.

They are in the form of a housing to be connected on a symmetrical DIN rail.

Thanks to their high sensitivity, they are capable of effectively detecting all the metallic mass of the light or heavy vehicles circulating on the loops to which they are connected.

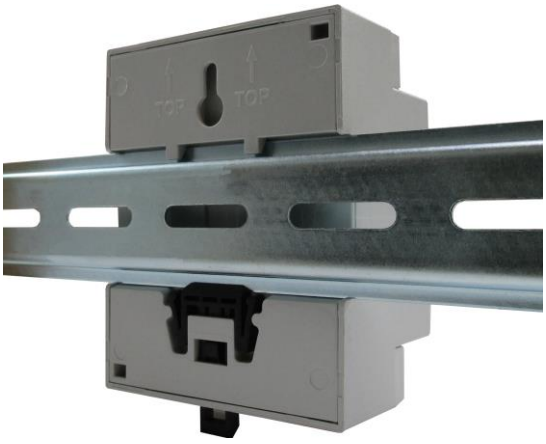
They numerous possibilities of configurations allow them to easily interface with all types of electronics like all of those necessary to the classifications of the vehicles in motorway tolls, parking, barrier etc.



Electrical characteristics :

- 12-24Vdc
- Consumption :
  - **LD2 :**
    - 0,25 W max. without bias resistors,
    - 0,55 W max. @ 12Vdc with bias resistors (option),
    - 1,40 W max. @ 24Vdc with bias resistors.
  - **LD4 :**
    - 0,40 W max. without bias resistors,
    - 1,00 W max. @ 12Vdc with bias resistors (option),
    - 2,70 W max. @ 24Vdc with bias resistors.

- Output characteristics : 24 Vdc maximum, 150 mA maximum.



CAPELLA LD4 mounted on RAIL DIN

On front face :

Output LED "1" to "4" (green) active during vehicle detection.

Output LED "1" to "4" (red) for loop default alert.

FRANCE
Head office
Electronique Contrôle Mesure
4 Rue du Bois Chêne le loup
Parc d'Activité de Brabois
54 500 VANDOEUVRE LES NANCY
☎(33) 03.83.44.24.13

Website : www.ecm-france.com
E-mail : info@ecm-france.com

U.S.A.
Electronic Control Measurement Inc
464 commercial drive
BUDA 78610 - TEXAS
☎ (512) 2959752, Fax (512) 2959753

Climatic characteristic :

- Operating temperature range : -40 / +80°C (-40°F / +176°F),
- Humidity : < 95% HR without condensation.

Mechanical characteristics :

- Fixing : symmetrical rail DIN,
- Weight : 135 g (4,5 oz),
- Dimension : 71 x 90,5 x 62 mm (2,80 x 3,56 x 2,44 inch) (W x H x D).