**ProLoop2 1.S.230AC**

1-loop detector with 2 relay outputs

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### Induction loop detector for vehicle detection

#### Mechanical data
- **Housing:** Pluggable for 11-pin base ES 12
- **Material:** PA black, PPE red
- **Dimensions (W x H x D):** 38 x 74 x 88 mm
- **Type of connection:** 11-pin
- **Weight:** 270 g

#### Electrical data
- **Supply voltage:** 230 V AC -15 % to +10 %, 50/60 Hz
- **Current consumption:** 16 mA
- **Power consumption:** 3.7 W
- **Inductance range:** 20 – 1’000 µH
  - Ideal loop inductivity: 80 – 300 µH
  - Isolation transformer allows operation with poor quality loops, e.g. grounded loops
- **Operating frequency:** 16 kHz – 120 kHz (depending on loop geometry and setting; 4 stages)
- **Sensitivity range:** Frequency modulation 0.01 – 1.00%, adjustable (9 stages)
- **Loop resistance:** < 8 Ω incl. loop lead-in
- **Output relays (loop):**
  - AC1: max. 240 V AC, 50/60 Hz; 2 A
  - DC1: max. 30 V DC; 1 A
- **Channel switching time:** 25 ms
- **Compliance:** RED 2014/53/EU

#### Features
- **Interface:** LCD display and 2 push buttons
- **ASB (Automatic Sensitivity Boost):** Increases sensitivity after initial detection to prevent dropout related to high-bed vehicles
- **Output modes, selectable:** Hold, On- and Off-delay, pulse on entry or exit
- **Time functions:** Adjustable from 0.1 s to 99 h
- **Compensation of environmental influences:** Automatic
- **Max. ascertainable vehicle speed:** 50 km/h with the appropriate loop
- **Power fail function:** If switched on: The internal loop reference will be stored during a power failure.
- **Error codes:** The 5 most recent errors are stored and can be looked up.

#### Ambient conditions
- **Protection category:** IP20
- **Operating temperature:** -20°C to +70°C
- **Storage temperature:** -40°C to +70°C
- **Rel. air humidity:** < 95%, non-condensing

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**Box contents:**
- ProLoop 2 (11-pin), instruction manuals (EN, DE, FR, ES, IT, NL, SV)

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**Dimensions:**