

ProLoop2 1.S.230AC

Part No. 299857

1-loop detector with 2 relay outputs

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

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|------------------------|---|
| 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) | AC-1: max. 240 V AC, 50/60 Hz; 2 A DC-1: max. 30 V DC; 1 A |
| Channel switching time | 25 ms |
| Compliance | RED 2014/53/EU |

Features

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|--|---|
| 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

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

Box contents:

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

Dimensions:

