

## ProLoop2 2.A.24ACDC

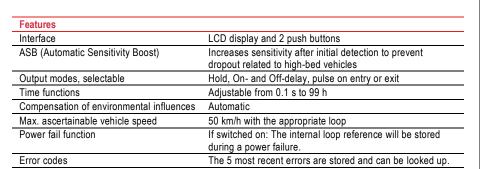
Part No. 262671

2-loops detector with 2 relay outputs and alarm output

## Induction loop detector for vehicle detection

Mechanical data		
Housing	DIN (for DIN rail mounting)	
Material	PA red / grey	
Dimensions (W x H x D)	22.5 x 92 x 85 mm	
Type of connection	Clamp type terminals	
Weight	250 g	

Electrical data	
Supply voltage / Power consumption	24 V DC -10 % to +20 %, max. 1.5 W
	24 V AC -20 % to +10 %, 50/60 Hz, max 2W
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 $\Omega$ 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
Output relay (alarm)	AC-1: max. 40 V AC, 50/60 Hz; 0.3 A
	DC-1: 40 V DC; 0.3 A
Channel switching time	50 ms
Compliance	RED 2014/53/EU



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

## Box contents:

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



