

SMA2

Magnetic sensor



Two-channel magnetic sensor for detecting metal masses

- LCD display
- Mode button
- Data button
- Info LED

Technical characteristics

MODEL	SMA2
Protection rating (IP)	20
Power supply (V - 50/60 Hz)	24V AC-20% to +10%, max.2 VA 24V DC-10% to + 20%, max.1.5W
Loop inductance	max. 20 to 1000 μ H, ideally 80 to 300 μ H
Loop connection wiring	At 20-40 μ H: max. 100 m at 1.5 mm ² At >40 μ H: max. 200 m with 1.5 mm ² min. twisted 20x/m
Loop resistance	< 8 Ohm with connection wire
Output relay (loop)	max.240VAC;2A/30VDC;1A;AC-1
Output relay (alarm)	max. 40 VACDC; 0.3 A; AC-1
Dimensions	22.5 x 94 x 88mm (BxHxT)
Housing mounting	Direct DIN rail mounting
Connection type	Plug-in terminals
Operating temperature	-20°C to +60°C
Storage temperature	-40°C to +70°C
Air humidity	-40°C to +70°C