CN-SDR Base Sounder

Product reference

Part No.	5100927-00A
Manufacturer	Consilium / Salwico
Model	CN-SDR Base



Key product facts

01 · Operating voltage
24-38 VDC

02 · Ingress protection
IP21C

03 · Operating temperature
-10 °C to +55 °C

Product overview

Low-profile ceiling sounder base for CN analogue addressable detectors, with EEPROM address programming and selectable tones. Use the specified spacer for surface cables. Do not wall mount. Program the address before clipping the sounder onto its base plate. Only maximum volume and the three marked tones are approved in the historical manufacturer document; retain all four original pages for wiring, tone switches and dimensions. The manufacturer lists full order SKU 5100927-00A; the directory reference 5100927-00 is retained separately. Historical standard references do not establish current certification.

Technical specifications

Manufacturer Article Number	5100927-00A	Weight	200 g ± 5%
Sounder device	Piezo	Classification	EN54-3:2001 + A1:2002 + A2:2006
Sounder output	73 to 88 dB (A) at 90°/1 m	EMC conformity	BSEN50130-4
Volume control	Up to -15 dB adjustment	Manufacturer-listed systems	NSAC-1, TERRA FIRE, TERRA ONE (2021 B document)
Sounder tones	12 tones DIP switch select (3 Approved)	Function / detector compatibility	Low-profile piezo sounder with integrated base for CN analogue addressable detectors; replaces CN-ABS Sounder
Operating voltage	24-38 VDC	Spacer accessory	5100471-00A UB Spacer/EV-SB Spacer; use for surface cables, with access for 2 ×6 mm cables from top or bottom
System voltage	35 VDC	Mounting restriction	Flat ceiling mounting using two screws in provided slots; sounder MUST NOT be wall mounted
Quiescent current	0.2 mA	Cable clearance	Connect loop wires to each terminal; push excess wire back through centre aperture so assembly is not restricted
Sounder operating current	4 mA (Low) 6 mA (High)	Address programming	Set loop address using 22100 CN-Programmer with 22101 CN-Programming Adapter or flying leads BEFORE attaching to base plate
Operating temperature	-10 °C to +55 °C	Fitting / removal	Push down in offset position and slide until it clicks; release using tool in rim holes and slide in reverse direction
Storage temperature	-25 °C to +70 °C	Tone / volume adjustment	Select tone with DIL switches and volume with potentiometer; switches 1-4 are not used
Relative humidity	0 to 95% RH non-condensing	Manufacturer approval limitation	Only maximum volume setting is approved; document marks tones 1, 4 and 5 approved and recommends tone 1
Ingress protection	IP21C	Approved tone switch settings	SW5/6/7/8: tone 1 OFF/OFF/OFF/OFF; tone 4 ON/ON/OFF/OFF; tone 5 OFF/OFF/ON/OFF
Addressing method	Soft addressing, non-volatile EEPROM	Connection reference	Retain original p2 loop -ve/+ve IN/OUT, RIL and earth continuity (if fitted) connection diagram
Material	ABS	Dimensions	Ø115 mm ×37.60 mm high (original dimensional drawing)