NOTIFIER®
A Pittway Company

# NCM-1
## Noise Control Module

CS68 S2424

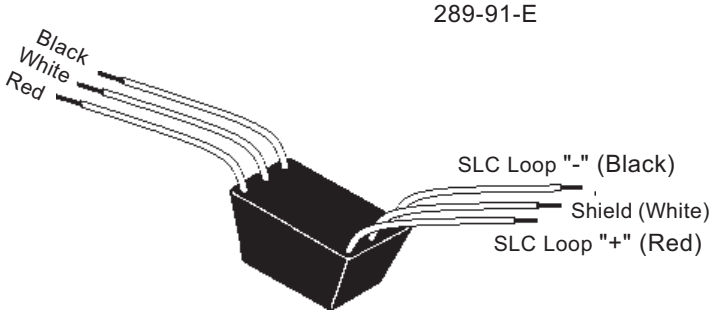
California State Fire Marshal
7165-0028:141
7170-0028:153

**MEA**
289-91-E

### GENERAL
The Notifier NCM-1 Noise Control Module (patented) is used to reduce common mode noise (noise that is present on both conductors) on the Signaling Line Circuit (SLC). The NCM-1 will allow the use of untwisted, unshielded wire on the SLC. Applications that have audio or fire fighters' telephones require the use of twisted /shielded wiring for all circuits including the SLC. The NCM-1 may still be used in these applications to further reduce common mode noise.

### FEATURES
- Mounts in Cabinet or External
- Use Multiple NCMs for T-Tapped non-shielded connections
- Connects directly to Signaling Circuit
- Pig-Tail Type Connections
- Patented Design (U.S. Patent # 5, 210, 523)

### INSTALLATION
The NCM-1 wires directly in line with the SLC Loop. The NCM-1 includes pig-tail leads to connect the SLC circuit. Read the table following, to determine the maximum wiring distance. All distances are rated at maximum allowable distance and AWG wire.




**The NCM-1 Noise Control Module**

Note: For sytems without shield, cut white wires

DN-4912

This document is not intended to be used for installation purposes. We try to keep our product information up to date and accurate. We can't cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact **NOTIFIER.** Phone: (203) 484-7161 FAX: (203) 484-7118

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**ISO-9001**
Engineering and Manufacturing Quality System Certified to International Standard ISO-9001

Made in the U.S.A.

# AIM-200 / AM2020 / AFP1010 SLC WIRING SPECIFICATIONS (NO AUDIO)

| CONDUIT? | SHIELD? | TWISTED PAIR? | MORE THAN ONE SLC LOOP? | ACCEPTABLE WIRE AWG. | MAXIMUM DISTANCE PER LOOP |
|---|---|---|---|---|---|
| NO | NO | NO | YES | 12 - 18 | 750 feet/loop |
| | | | NO | 12 - 18 | 1,000 feet |
| NO | NO | YES | YES or NO | 12 - 18 | 2,000 feet Per Loop |
| NO | YES | NO | YES or NO | 12 - 18 | 2,000 feet Per Loop |
| YES | YES | NO | YES | 12 - 18 | 2,000 feet/loop |
| | | | NO | 12 - 14 | 5,000 feet |
| YES | NO | YES | YES | 12 - 18 | 3,000 feet |
| | | | NO | 12 | 10,000 feet[1] |
| YES | NO | NO | YES | 12 - 18 | 500 feet/loop |
| | | | NO | 12 - 18 | 2,000 feet |
| NO | YES | YES | YES | 12 | 10,000 feet[1] |
| | | | NO | 12 | 10,000 feet[1] |
| YES | YES | YES | YES | 12 | 10,000 feet[1] |

Note [1] A smaller gauge wire will support shorter distances as follows:

14 AWG. 8,000 ft. Maximum

16 AWG. 4,875 ft. Maximum

18 AWG. 3,225 ft. Maximum