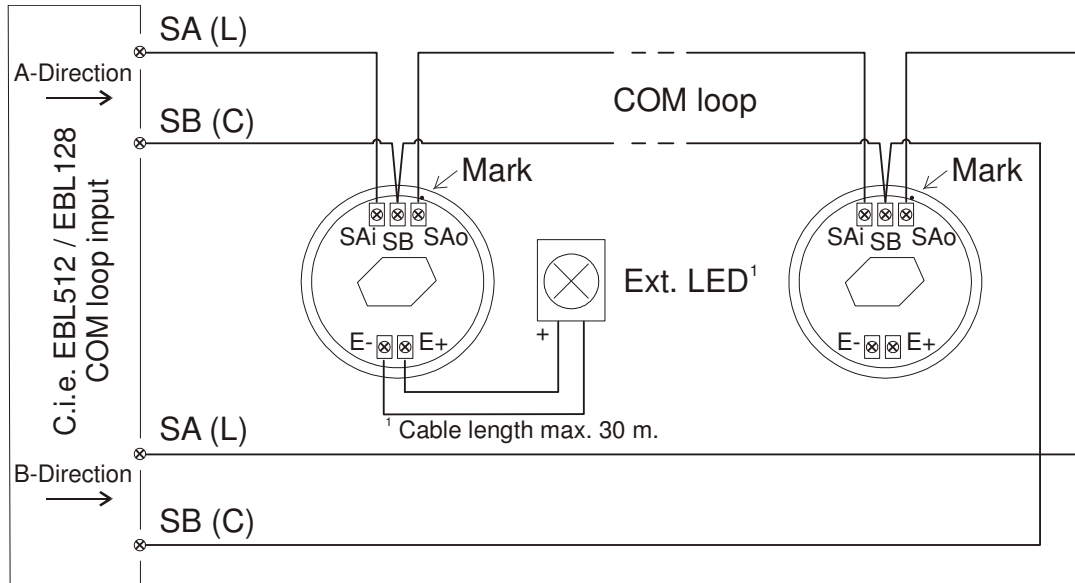


Engineering Instructions for Analog base with isolator 4313.



1. Mounting of the analog base with isolator 4313

The analog base with isolator 4313 is mounted in the ceiling with two screws. In case of open wiring (surface mounted base), cut the required number of knockouts for the cables, on the side of the base (before the mounting).

2. Program the COM loop address

Program the COM loop address of the base with **isolator** 4313 with the 3314 address setting tool, by connecting the address setting tool connection cable. Write the isolator's address on the "Address label" in the base.

Note! The address has to be programmed before the base 4313 is connected to the COM loop.
The detector to be plugged in the base has to have a separate address.

3. Wiring

Use single copper wire, 0.6 - 1.2 mm in diameter. Strip its coating by 10 mm and put it into the terminal respectively. Tighten the terminal screws firmly.

The wires from the c.i.e. "COM loop input, A-direction" shall in the base be connected to the SAi and SB terminals. Connect the SA line from the c.i.e. to the SAi terminal in the base and the SB line to the SB terminal according to the figure.

Connect the next unit or the wires going back to the c.i.e. "COM loop input, B-direction" to the SAo and SB terminals. Connect the SA line to the SAo terminal in the base and the SB line to the SB terminal according to the figure.

Note! It is very important for the function of the isolator 4313 never to mix up the SA and SB lines.

An external indicator (ext. LED) shall be connected to the E+ and E- terminals in the base.

Connect the ext. LED's + line to the E+ terminal in the base and the - line to the E- terminal according to the figure. Note! Cable length max. 30 m.

4. Plugging the detector in the base

An **analog** detector can be plugged in the base, e.g. 33xx and 430x.

Program the **detector's** COM loop address (not the same address as the isolator!) and mode by plugging the detector in the Address setting tool (3314). Write the address on the "Address label" in the detector and base respectively.

Place the detector in the base with the detector's "Mark" in the same position as the "Mark" on the base and turn the detector **clockwise**.

All technical features and data are subject to changes without notice, resulting from continuous development and improvement.

Engineering instructions	Date of issue	Revision / Date of revision
MEW00945	2007-07-09	