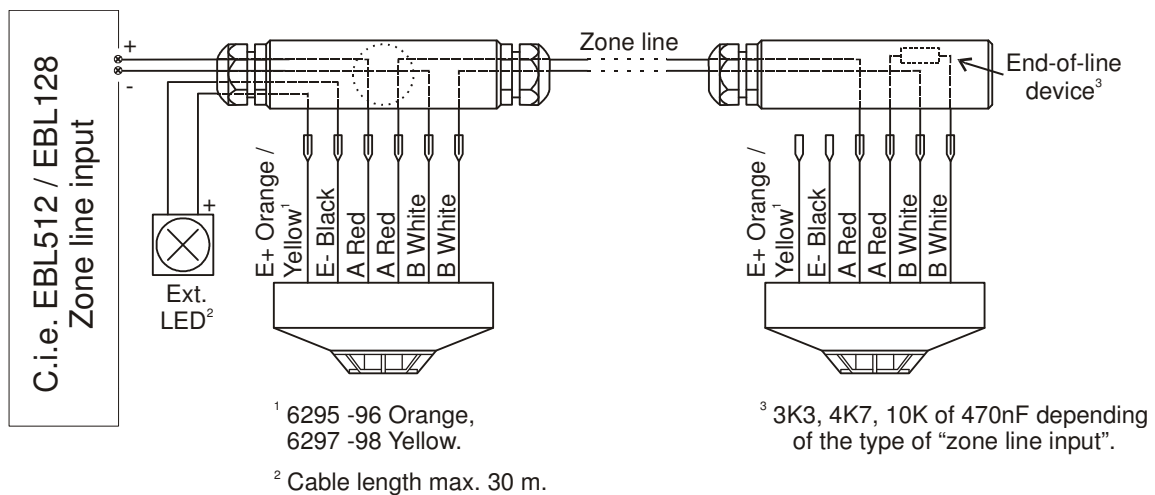


## Engineering Instructions for detectors Type 629x.



### 1. Mounting of the connection box

The connection box is prepared for required number of compression glands, one, two or three.

Cut out the required number of knockouts and apply the compression glands (before the mounting), tighten firmly.

Mount the connection box in the ceiling. There are two mounting holes, c/c 108 mm and diameter 5 mm.

### 2. Wiring

Insert the cables in the compression glands,

Note! If outer cable diameter < 6 mm, insert the enclosed rubber tube before installation of the cable. If outer cable diameter ≥ 6 mm, do not use the enclosed rubber tube.

Tighten all compression glands firmly (4 Nm or more).

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

The wires from the control panel "Zone line input" shall be connected to the A and B terminals respectively. The detector circuit is non-polarized, but it is recommended to always connect the + line from the "zone line input" to the A terminal and the - line to the B terminal according to the figure.

Connect the next unit or the end-of-line device<sup>3</sup> to the other pair of SA and SB terminals according to the figure.

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

Connect the ext. LED's + line to the E+ terminal and the - line to the E- terminal according to the figure.

Note! Cable length max. 30 m.

### 3. Apply the detector to the connection box

Mount the detector on the detection box, use the two enclosed screws. Tighten the screws firmly (1.4 Nm or more).

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
MEW00944	2007-07-09	