



## 2.2.3 Retail POS - Variable Measure

Variable Measure Trade Items are those sold in random quantity against a fixed price per unit quantity and intended to cross a Point-of-Sale (e.g., apples sold at a fixed price per kilogram).

These items are either marked in the store by the retailer or are marked at the source by the supplier.

### 2.2.3.1 VMN-13 - National Solution

Any company providing its own branded Variable Measure Trade Items to the Australian retail sector can adopt the following number series for Variable Measure Trade Items numbered at source but sold to various Australian retail stores. GS1 Australia has reserved prefixes 28, 29, 22 and 24 series specifically for use in Variable Measure Numbers (VMNs). These numbers are represented in EAN-13 Bar Codes. Equipment suppliers should ensure that POS equipment recognises the prefixes listed above as being variable measure with price and a significant Check Digit. For details on the EAN-13 Bar Code, including dimensions, please refer to section 9.2.1 EAN-13 Symbol Specifications on page 195.

Manufacturers who wish to label and apply bar codes to Variable Measure Trade Items must apply to GS1 Australia for **standard variable measure company item numbers**. These numbers identify the items and the company they are allocated to, and are for use in conjunction with weighing machines and labelling at the point of packaging.

GS1 Australia will allocate a VMN-13 to each individual item as required by the company. The member company allocated these numbers is responsible for all communication in relation to the numbers. GS1 Australia needs to be notified when a VMN-13 has been deleted **as this number will then be withdrawn, making it available to be re-issued by GS1 Australia to another member/item in the future.**

GS1 Prefix	Company / Item Identification	Price Verifier	Price	Check Digit
28, 29, 22 or 24	n <sub>3</sub> n <sub>4</sub> n <sub>5</sub> n <sub>6</sub>	n <sub>7</sub>	n <sub>8</sub> n <sub>9</sub> n <sub>10</sub> n <sub>11</sub> n <sub>12</sub>	n <sub>13</sub>

**TABLE 8** VMN-13 Structure

**The GS1 Prefix** 28, 29, 22 or 24 identifies the VMN as a standard variable weight with price within Australia.

**The Company and Item Identification** digits identify the company/packer and the item that it is allocated to.

**The Price Verifier Digit** validates the accuracy of the following five digit price. To manually calculate the Price Verifier Digit refer to "Manual Check Digit Calculation" on page 56.

**The Price**, the next five digits, represent the price of the individual variable weight item to two decimal places. Machines that print the bar code label will automatically calculate the price.

**The Check Digit** is mathematically calculated to ensure that the whole number is correct. Correct calculation is essential for successful scanning of the bar code. A Check Digit Calculator Program which will automatically calculate both the Price Verifier Digit and the Check Digit can be obtained from the GS1 Australia web site at [www.gs1au.org](http://www.gs1au.org)

For instruction on manually calculating the Check and Verifier Digits refer to "Manual Check Digit Calculation" on page 56.

For either method of calculating the Check Digit use the GTIN-13 option.

